

Laboratory Procedure Manual

Analyte: **Complete Blood Count**

Matrix: **Whole Blood**

Method: **Complete Blood Count with 5-Part
Differential**

Method No.:

Revised:

as performed by:

Contact:

Important Information for Users

CDC periodically refines these laboratory methods. It is the responsibility of the user to contact the person listed on the title page of each write-up before using the analytical method to find out whether any changes have been made and what revisions, if any, have been incorporated.

Public Release Data Set Information

This document details the Lab Protocol for testing the items listed in the following table:

Lab Number	Analyte	SAS Label
CBC_E	LBXWBCSI	White blood cell count (1000 cells/uL)
	LBXLYPCT	Lymphocyte (%)
	LBXMOPCT	Monocyte (%)
	LBXNEPCT	Segmented neutrophils (%)
	LBXEOPCT	Eosinophils (%)
	LBXBAPCT	Basophils (%)
	LBDLYMNO	Lymphocyte number (1000 cells/uL)
	LBDMONO	Monocyte number (1000 cells/uL)
	LBDNENO	Segmented neutrophils number (1000 cells/uL)
	LBDEONO	Eosinophils number (1000 cells/uL)
	LBDBANO	Basophils number (1000 cells/uL)
	LBXRBCSI	Red cell count (million cells/uL)
	LBXHGB	Hemoglobin (g/dL)
	LBXHCT	Hematocrit (%)
	LBXMCVSI	Mean cell volume (fL)
	LBXMCHSI	Mean cell hemoglobin (pg)
	LBXMC	MCHC (g/dL)
	LBXRDW	Red cell distribution width (%)
	LBXPLTSI	Platelet count ((1000 cells/uL))
	LBXMPSI	Mean platelet volume (fL)

COMPLETE BLOOD COUNT (CBC)

Perform a complete blood count (CBC) in duplicate on all survey participants age 1 and older. Perform the CBC on the Coulter® HMX. Run a CBC on the participant's EDTA blood tubes.

I. Purpose and Principle of Test

CBC Analysis

The Coulter® method accurately counts and sizes cells by detecting and measuring changes in electrical resistance when a particle (such as a cell) in a conductive liquid passes through a small aperture.

Each cell suspended in a conductive liquid (diluent) acts as an insulator. As each cell goes through the aperture, it momentarily increases the resistance of the electrical path between the submerged electrodes on either side of the aperture. This causes a measurable electronic pulse. For counting, the vacuum used to pull the diluted suspension of cells through the aperture must be at a regulated volume.

The number of pulses correlates to the number of particles. The height of the electrical pulse is proportional to the cell volume.

Differential Analysis

As the sample, prepared for differential analysis, streams through the flow cell these three measurements occur simultaneously on each individual white cell to classify it:

- Low-frequency current measures volume.
- High-frequency current senses cellular internal content through measuring changes in conductivity.
- Light from the laser bouncing off the individual WBC cells characterizes cellular surface, shape, and reflectivity.

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The Coulter HMX Hematology Analyzer is a quantitative, automated hematology analyzers and leukocyte differential cell counters for In Vitro Diagnostic use in clinical laboratories. The purpose of the HMX Hematology Analyzer is to separate the normal participant, with all normal system-generated parameters, from the participant who needs additional studies. These studies include further measurements of cell size and cell distribution, biochemical investigation, or any other test that helps diagnose the abnormality.

The HMX measures these parameters in whole blood:

Cell	Parameter	Measured	Pulse size Wavelength Calculation	Reported Units
WBC	White Blood Cell Count This is the number of leukocytes measured directly, multiplied by the calibration constant, and expressed as $n \times 10^3$ cells/ μ L	WBC bath	≥ 35 fL	$n \times 10^3$ cells/ μ L

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RBC	<p>Red Blood Cell Count This is the number of erythrocytes measured directly, multiplied by the calibration constant, and expressed as $n \times 10^6$ cells/μL</p>	RBC bath	36 to 360 fL	$n \times 10^6$ cells/ μ L
Hgb	<p>Hemoglobin Concentration Weight (mass) of hemoglobin determined from the degree of absorbance found through photocurrent transmittance is:</p> $\text{Hgb (g/dL)} = \text{Constant} \times \log_{10} \left(\frac{\text{Reference \%T}}{\text{Sample \%T}} \right)$	WBC bath	525 nm	g/dL
Hct	<p>Hematocrit This is the relative volume of packed erythrocytes to whole blood, computed as: Hct (%) = RBC \times CV/10</p>	Computed	RBC \times MCV/10	% Percent

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MCV	<p>Mean Cell Volume This is the average volume of individual erythrocytes derived from the RBC histogram. The system:</p> <p>Multiplies the number of RBCs in each channel by the size of the RBCs in that channel.</p> <p>Adds the products of each channel between 36 fL and 360 fL.</p> <p>Divides that sum by the total number of RBCs between 36 fL and 360 fL.</p> <p>Multiplies by a calibration constant and expresses MCV in femtoliters.</p>	Derived from RBC histogram	# x size of RBC/ Total RBC	fL
MCH	<p>Mean Cell Hemoglobin This is the weight of hemoglobin in the average erythrocyte count, computed as: Hgb/RBC x 10</p>	Computer	Hgb/RBC x 10	pg
MCH C	<p>Mean Cell Hemoglobin Concentration This is the average weight of hemoglobin in a measured dilution, computed as: Hgb/Hct x 100</p>	Computed	Hgb/Hct x 100	g/dL

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RDW	Red Cell Distribution Width RDW represents the size distribution spread of the erythrocyte population derived from the RBC histogram. It is the coefficient of variation (CV), expressed in percent, of the RBC size distribution.	Derived from RBC histogram	CV expressed in % of the RBC size distribution	% Percent
Plt	Platelet Count This is the number of thrombocytes derived from the Plt histogram and multiplied by a calibration constant. This number is expressed as: $n \times 10^3 \text{ cells}/\mu\text{L}$	RBC bath	2 to 20 fL	$n \times 10^3 \text{ cells}/\mu\text{L}$
MPV	Mean Platelet Volume MPV is the average volume of individual platelets derived from the Plt histogram. It represents the mean volume of the Plt population under the fitted Plt curve multiplied by a calibration constant, and expressed in femtoliters.	Derived from Plt histogram	Mean volume of Plt population under the fitted curve x constant	fL
NE%	Neutrophil Percent The percentages of leukocytes from each category are derived from the scatterplot.	Derived from scatterplot	# cells inside NE area/# cells inside total cell area x 100	% Percent
NE #	Neutrophil Number The absolute numbers of leukocytes in each category are computed from the WBC count and the differential percentage parameters.	Absolute number	NE%/100 x WBC Count	$10^3 \text{ cells}/\mu\text{L}$

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LY%	Lymphocyte Percent The percentages of leukocytes from each category are derived from the scatterplot.	Derived from scatterplot	# cells inside LY area/# cells inside total cell area x 100	% Percent
LY#	Lymphocyte Number The absolute numbers of leukocytes in each category are computed from the WBC count and the differential percentage parameters.	Absolute number	Ly%/100 x WBC Count	10 ³ cells/ μ L
MO%	Monocyte Percent The percentages of leukocytes from each category are derived from the scatterplot.	Derived from scatterplot	# cells inside MO area/# cells inside total cell area x 100	% Percent
MO#	Monocyte Number The absolute numbers of leukocytes in each category are computed from the WBC count and the differential percentage parameters.	Absolute number	MO%/100 x WBC Count	10 ³ cells/ μ L
EO%	Eosinophil Percent The percentages of leukocytes from each category are derived from the scatterplot.	Derived from scatterplot	# cells inside EO area/# cells inside total cell area x 100	% Percent
EO#	Eosinophil Number The absolute numbers of leukocytes in each category are computed from the WBC count and the differential percentage parameters.	Absolute number	EO%/100 x WBC Count	10 ³ cells/ μ L
BA%	Basophil Percent The percentages of leukocytes from each category are derived from the scatterplot.	Derived from scatterplot	# cells inside BA area/# cells inside total cell area x 100	% Percent

BA#	Basophil Number	Absolute number	BA%/100 x WBC Count	10 ³ cells/μL
	The absolute numbers of leukocytes in each category are computed from the WBC count and the differential percentage parameters			

***PDW -- Platelet Distribution Width and Pct -- Platelet Crit are NOT for diagnostic use and do not print. Coulter uses the value for PDW as an internal check on the reported platelet parameters, Pct and MPV.**

Methodology: The methods used to derive CBC parameters are based on the Coulter® method of counting and sizing, in combination with an automatic diluting and mixing device for sample processing, and a single beam photometer for hemoglobinometry. The WBC differential uses VCS technology. Analysis and classification of WBCs use three simultaneous measurements of individual cell volume (V), high frequency conductivity (C), and laser light scatter (S). The scattergram plots the cells based upon the measurements of these three parameters.

A. Status Line

The status line at the bottom of your screen indicates the current operating status of the HMX Hematology Analyzer.

II. Special Safety Precautions

All specimens may be potentially positive for infectious agents including HIV and the hepatitis B and C viruses. Observe universal precautions. It is mandatory to wear gloves and lab coat when handling all human blood products and Coulter® controls. Wear safety glasses whenever operating the instrument in SECONDARY mode. Dispose of all biological samples in a biohazard container and wipe down all work surfaces with 10% bleach solution at the end of each session.

The mobile examination center (MEC) *Working Safely with Hazardous Chemicals* manual contains all Coulter material safety data sheets (MSDS).

III. Computerization: Integrated Survey and Information System (ISIS)

The HMX Data Management System (DMS) transmits individual SP results to the MEC automated ISIS system. Review all SP results at the Coulter DMS monitor. The hematology module in the laboratory application automatically receives the results or transmits them manually to the hematology module. The laboratory application evaluates the data for completeness and accuracy. The final decision to accept or reject a result is the responsibility of the medical technologist.

All data are backed up and stored at Westat's home office.

IV. Specimen Collection and Preparation

A. Specimen collection

1. The phlebotomist collects a 3 or 4-mL K₃ EDTA tube on all SP's age 1+ following established venipuncture protocol and procedures. (A 1-2% dilution effect occurs in this liquid EDTA tube.)
2. Sample volume is 185 µL of whole blood in the closed-vial mode. The minimum sample volume per tube in the closed-vial mode is 1-mL with the proper proportion of blood to anticoagulant.

B. Specimen preparation

1. The blood specimen-processing technologist initially processes the tube by taking off whole blood for various tests. The blood specimen-processing technologist places the specimen on a rocker until the hematology technologist can perform the CBC. Run the CBC as soon as possible; there is no requirement to wait any length of time between drawing the blood and running the CBC.

V. Procedure for Microscopic Examination

Not Applicable - Do not prepare differential microscopic slides.

VI. Reagents and Supplies

The HMX DMS stores and maintains the lot numbers and expiration dates.

A. Reagents, controls and calibrators

1. Isoton III® (diluent) – PN 8546733 (20 L) – an isotonic electrolyte

-Dilutes the whole-blood samples. Stabilizes cell membranes for accurate counting and sizing. Conducts aperture current. Carries and focuses the sample stream in the flow cell to enable the WBC differential measurements. Rinses the system between samples. Expires on expiration date printed on container

2. COULTER CLENZ® – PN 8546931 (10L) – a cleaning agent that cleans and rinses the internal surfaces of the Diluter components. Daily use prevents protein buildup and eliminates routine aperture bleaching. Expires 90 days after being opened and installed on the instrument.

3. LYSE S® III – PN 8546983 (1L diff lytic reagent is a lytic reagent used for the CBC mode.

-Rapidly lyses erythrocytes (RBCs), freeing hemoglobin (Hgb), and reducing the size of cellular debris to a level that does not interfere with the leukocyte (WBC) count. Causes a substantial conversion of the Hgb to a stable pigment, the absorbance of which is directly proportional to the Hgb concentration over the clinical range.

-Note: If you use LYSE S III diff lytic reagent you must use ISOTON III diluent. Expires 60 days after being opened and installed on the instrument.

4. HMX Pak®-PN 8547166 – The HMX Pak contains the PAK LYSE (Erythrolyse™ II erythrocyte lytic reagent) and the PAK PRESERVE (StabiLyse™ leukocyte preservative) used for the differential measurement.

-The PAK LYSE (also called the diff lytic reagent), while maintaining leukocytes (WBCs) in near-native state.

-The PAK PRESERVE preserves the leukocytes (WBCs) in near-native state. It allows the leukocytes to be differentiated into their subpopulations through the volume, conductivity, and light-scatter measurements.

-Expires 60 days after being opened and installed on the instrument.

5. Latron® Controls – PN 7547116 (5 x 16-mL)

-LATRON control monitors the performance of the volume, conductivity, and light scatter measurements. Expires 30 days after being opened.

6. Latron® Primer – PN 7546915 (5 x 16-mL)

-LATRON™ primer prepares the tubing and instrument components for the LATRON control.

-Expires 30 days after being opened.

7. 5C® Cell Controls Tri Pack contains Normal, Abnormal I, Abnormal II – PN 7547001 (9 x 3.3-mL)

-COULTER 5C® cell control monitors the CBC and differential parameters. Expires 13 days or 13 events after being opened.

8. Calibration S-CAL® – PN 7546808 (2 x 6-mL)

-Use at the start of each stand. The S-CAL® calibrator kit calibrates Primary mode CBC parameters and is an acceptable alternative to the whole-blood reference method of calibration. -Expires 1 hour after being opened.

9. 5C® Cell Control Normal – PN 7546923 (9 x 3.3-mL)

-Use when calibrating with S-CAL for reproducibility study.

10. Lin-C – PN 6605374

-LIN-C® linearity control verifies the reportable range of the instrument's CBC parameters.

B. Supplies

1. 3-mL K₂ EDTA Becton Dickinson Hemogard Vacutainer® tube (367856)
2. 4-mL K₂ EDTA Becton Dickinson Hemogard Vacutainer® tube (367861)
3. Tube rocker
4. Bleach, 5.25% Sodium Hypochlorite
5. Bottled distilled water
6. Three 30-mL plastic containers with lid
7. Two 1-liter containers with lid
8. Plastic squirt bottle
9. Cotton gauze pads
10. Three-hole paper punch

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11. Notebook
12. Flashlight
13. 10-mL syringe with plastic tubing
14. Precision screwdriver set
15. Distilled water bottle
16. Disposable lab jacket – 48 inches long
17. Diskettes

C. Notes

1. If reagents become frozen in transit, mix thoroughly by inversion and let bubbles settle before use.
2. Do not place reagents on or near electric cords or lines to avoid electrical interference.

VII. Calibration

S-CAL (PN 7546808 - 2 x 6-mL – The S-CAL calibrator kit determines the adjustment factors for the calibration of the Coulter(trademark) HMX. Calibration is a procedure to standardize the instrument by determining its deviation from calibration references and to apply any necessary correction factors. Perform calibration in the close-vial mode, at ambient room temperature range (16-32°C, 60-90°F), using S-CAL as an alternative to whole blood. S-Cal is a trademark of Beckman Coulter.

A. Perform calibration:

- At the start of each stand, before you begin analyzing samples.
- After you replace any component dealing with dilution preparation, such as the BSV primary measurement, such as an aperture.

-If your Beckman Coulter Representative suggests you calibrate

B. Verify the calibration of your instrument:

-If controls show unusual trends or are outside limits; and

-When room temperature varies more than 10°F (5.5°C) from the room temperature during the last calibration.

Principle – The HMX uses the S-CAL kit that requires a calibrator to convert electronic measurements of each sample into accurate results expressed in clinical terms. S-CAL calibrates the **WBC, RBC, Hgb, Plt,** and **MPV** parameters. It is a stabilized human-blood preparation. S-CAL® is an acceptable alternative to whole blood calibration.

The calibration procedure uses replicate measurements of S-CAL calibrator. The S-CAL divides the average result into the calibrator Assigned Value to give the Adjustment Factor. Then, it obtains and adjusts an instrument reading according to the Adjustment Factor.

Hct, MCH, MCHC, RDW, and the DIFF parameters do not require calibration.

1. Reagents – S-CAL consists of treated, stabilized, human erythrocytes and platelet sized components in an isotonic bacteriostatic medium. Fixed erythrocytes simulate leukocytes.

Materials required – Before calibrating, assemble the following materials: S-CAL kit containing two 6-mL vials of S-CAL calibrator.

2. Storage, handling, and stability – Sealed vials are stable through the expiration date when stored at 2-8°C (35-46°F). Open vials are stable for 1 hour.

Potential biohazard – Each human donor used in preparation of this material was tested by an FDA-approved method for the presence of the antibodies to Human Immunodeficiency Virus (HIV-1 and HIV-2) and Hepatitis C (HCV), as well as for hepatitis B surface antigen, and found to be negative (were not repeatedly

reactive). Handle these reagents at Biosafety Level 2 because no test method can offer complete assurance that these and other infectious agents are absent.

This product contains <0.1% Sodium Azide. Sodium Azide preservative may form explosive compounds in metal drain lines. Discard this product in biohazardous waste containers.

3. Indications of instability or deterioration – Inability to obtain expected values in the absence of known instrument problems or gross hemolysis (darkly-colored supernatant) is indicative of product deterioration. However, a slight pink color to the supernatant is normal and should not be confused with deterioration of the product.

C. Pre-calibration, reproducibility, and carryover check

Perform a calibration after the instrument has been "cleaned" for at least 30 minutes. From the Access Screen, press [F3] **Clean**.

1. Pre-calibration procedure

Bleach the aspiration system using the Clean Needle procedure.

- a) Prepare a fresh bleach solution. Put 1-mL bleach and 1-mL distilled water into 5-mL lavender top Vacutainer® tube.
- b) Stop the system before it performs the Clean Needle procedure. If status message is not *Select Function* or *Compressor Off*, go to **SAMPLE ANALYSIS, RUN SAMPLE**, [F3], Run. Press [F9] Stop.
- c) Select **SPECIAL FUNCTIONS, DIAGNOSTICS, OPERATOR OPTIONS, FLUIDIC TESTS, and CLEAN NEEDLE**. Press [Enter] and follow the screen instructions. Wait for green light before placing tube into the carousel.

To rinse the system, perform daily Start Up. Select **DILUTOR FUNCTIONS; START UP** [Enter].

Run 5C® cell controls.

2. Reproducibility check

- a) Select **SAMPLE ANALYSIS, RUN SAMPLES**. Press [Enter]. Select [F5] to access options. Change [F5] Print: to none and [F6] Host to Off.
- b) Use an unopened, normal-level, 5C®-cell control for reproducibility studies. Label the control vial with date and initial. Use of expired controls for this procedure is acceptable.
- c) Select **SPECIAL FUNCTIONS, CALIBRATION, REPRODUCIBILITY** [Enter].
- d) Is *Sample Mode?* displayed? If YES, go to step 3. If NO, press [F9] Stop.
- e) Press [F6]. Press space bar to turn the DIFF ON. Press [Enter]. Press [F2] *START PRIMARY*.
- f) Does the following message appear? "MODE REQUIRES EXISTING RUNS TO BE DELETED. ARE YOU SURE?: NO." If the message appears, press the space bar to answer "YES." Press [Enter]. This deletes the old data.

If there are runs present in the table and the message do not appear, press [F8] Delete. Press the space bar to answer "YES." Press [Enter]. This deletes the old data.

- (1) Follow the directions listed in Section X for preparation and mixing the 5C®-cell control.

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(2) Cycle the sample 11 times. Do not use the bar code reader. Mix gently before each cycle. Insert the tube into the carousel when the green light appears. The first sample is automatically marked DEL and its results are not included in the calculations.

(3) Check the results. Verify the average %CV does not exceed these limits:

-WBC 2.5%

-RBC 2.0%

-Hgb 1.5%

-MCV 2.0%

-Plt 5.0%

-MPV 3.0%

Check the low to high difference (bottom line, right hand side) for the diff parameters with these limits:

-LY% ≤ 4.8

-MO% ≤ 3.2

-NE% ≤ 4.8

-EO% ≤ 1.6

-BA% ≤ 1.6

If the results are outside the limits, call the Beckman Coulter® representative.

(4) Press [F4] to print the screen for the logbook. Press [F3] Run [F9] STOP. Press [Esc]. Proceed with a Carryover Check.

g) Notes

(1) Be sure the PR↓ is on the status line before starting the reproducibility study.

- (2) Be sure to delete any data on the reproducibility screen before starting a new study.
 - (3) On the reproducibility screen, use the %CV line for CBC parameters only and the Diff line for the DIFF parameters only.
3. Carryover checks (Draw two 4-mL EDTA tubes of normal blood.)
- a) Select **SPECIAL FUNCTIONS, CALIBRATION, and CARRYOVER**. Press [F2] *START PRIMARY*. Does the following message appear? "MODE REQUIRES EXISTING RUNS TO BE DELETED. ARE YOU SURE? NO." If the message appears, press the space bar to answer "Yes." Press [Enter]. This deletes the old data.
 - (1) Use a routine 4-mL Vacutainer® EDTA for the carryover check clean vials. Fill three separate vials with diluent, then cap.
 - (2) Follow the screen directions. Cycle two vials of normal blood and three vials of diluent. Do not use the bar code reader. Insert the tube into the carousel when the green light appears.
 - (3) Check the lower right corner of the screen for CARRYOVER ACCEPTABLE. If the result is not acceptable and the H flags appear next to the carryover value results, repeat the procedure. If results are still OUT, call the Beckman Coulter® representative.
 - (4) Press [F4] to print the carryover screen for the logbook. Press [F9] to return to the main menu.
 - b) Notes
 - (1) Choose a sample with a WBC count of $10,000 \pm 1,000$ if possible. All other parameters should be within normal ranges.

- (2) Ignore count period (CP) voteouts on diluent runs.
- (3) Percent carryover is calculated by the formula.
- (4) $\frac{\text{1st diluent sample} - \text{3rd diluent sample}}{\text{2nd sample}} \times 100 = \% \text{ carryover}$

D. CBC calibration with S-CAL calibrator

Discard the Calibrator Disks from the S-Cal Calibrator Kit. Locate the hard copy Table of Expected Results that contains 5 gray boxes labeled 1 through 5. Locate box 2 where it lists ISOTON III, Isoton 3E or LH Series Diluent / Lyse S III diff Lytic Reagent----- HMX system. Locate the corresponding gray #2 box in the table.

Take the S-CAL calibrator from the refrigerator. Remove one vial of S-Cal from the kit. Return the unopened second vial to the refrigerator. Let the vial warm to ambient temperature for 15 minutes. Meanwhile, continue with the following steps:

1. Select **Special Functions -> Calibration -> CBC Calibration**. Press [F2] **Start Primary**. Delete any data in the table by pressing [F8]. Press the spacebar to answer "YES." Press [Enter].
2. Prepare the CBC calibration screen.
 - a) Enter the S-CAL calibrator assigned values from the Table of Expected Results on the package insert on the REF: VALUES line. The Hct is not calibrated although the value is listed on the package insert.
 - b) Enter the expiration date and the lot number.
3. Prepare and cycle the calibrator:
 - a) Mix by hand as follows: Roll the tube slowly between the palms of the hands eight times in an upright position. Invert the tube and slowly roll

it again eight times. Gently invert the tube eight times. Repeat these actions again.

- b) Determine that all cells are uniformly distributed by inspecting the vial contents. If the cells are not totally distributed, repeat the mixing procedure.
- c) Cycle the first cap-pierceable calibrator 11 times. Do not use the bar code reader. Invert the vial and mix the S-CAL calibrator before each cycle. Insert the tube into the carousel when the green light appears. The first sample is automatically marked DEL and its results are not included in the calculations.
- d) After the cycles are complete, press [F4] **Print** to print the screen for the logbook. Press [F3] **Run**, [F9] **STOP**. Press [Esc].

4. Assess the run:

- a) Check for trending. If trending is present, stop and contact a Coulter® representative.
- b) Check the %CV values against these precision %CV limits. If any parameter exceeds the limit, STOP and contact a Coulter® representative.

Parameter	Precision (CV %)
WBC	≤2.5
RBC	≤2.0
Hgb	≤1.5
MCV	≤2.0
Plt	≤5.0
MPV	≤3.0

- c) Determine which calibration factors (if any) should be changed by checking the FAC%DIFF and DELTA DIFF values against these ranges.

Note: Disregard minus signs. The values are absolute numbers.

Parameter	Calibrate if FAC %DIFF is:	Calibrate if DELTA DIFF is:
WBC	>1.25 and ≤5.00	>0.10 and ≤0.40
RBC	>0.70 and ≤2.00	>0.03 and ≤0.09
Hgb	>0.78 and ≤3.00	>0.10 and ≤0.40
MCV	>1.18 and ≤2.50	>1.00 and ≤2.00
Plt	>2.70 and ≤9.00	>6.00 and ≤20.00
MPV	>5.00 and ≤20.00	>0.50 and ≤2.00

- d) If both the FAC%DIFF and DELTA DIFF values of a parameter fall below their lower limits, that parameter does not need to be calibrated.
Note: If all parameter values fall below the lower limits of both ranges, you are finished. Resume normal operation. Press [F4] to print the screen for the logbook.

- e) If either the FAC%DIFF or DELTA DIFF value of a parameter exceeds its upper limit, STOP. There could be an instrument problem. Call your Beckman Coulter Representative.

- f) If either the FAC%DIFF or DELTA DIFF value of a parameter falls between its lower or upper limits that parameter should be calibrated. Continue with step 5 (below).

5. To verify calibration:

- a) Determine which calibration factors to change. Check the FAC % DIFF and DELTA DIFF values against these ranges.

Parameter	Calibrate if FAC %DIFF is:	Calibrate if DELTA DIFF is:
WBC	>1.25 but ≤5.00	>0.10 but ≤0.40
RBC	>0.70 but ≤2.00	>0.03 but ≤0.09
Hgb	>0.78 but ≤3.00	>0.10 but ≤0.40
MCV	>1.18 but ≤2.50	>1.00 but ≤2.00
Plt	>2.70 but ≤9.00	>6.0 but ≤20.0
MPV	>5.00 but ≤20.00	>0.50 but ≤2.00

- b) Is *Select Function* displayed? If NO, press [F3] **Run** [F9] **Stop** [Esc]. If YES, Press [F5] **Options**. Choose **SELECT PARAMETERS**. Use the spacebar to select YES for parameters that need adjusting, NO for others. Press [Esc].
- c) Select **TRANSMIT FACTORS**. The following message appears: "WARNING – DATA WILL BE CLEARED AFTER TRANSMISSION. DO YOU WANT TO PRINT DATA? Y/N" If you did not print the calibration screen presses [Y]. Select [N] if the values have already been printed.
- d) Press [F4] Print to print this final calibration screen for the log book. It reflects the new calibration factors for parameters you adjusted.
- e) Verify calibration by cycling the 5C Cell Controls in the primary mode. If any of the control level's results are outside the expected range, run a second sample of the control. If the second sample is also outside of the expected range, call your Beckman Coulter representative.

6. Calibration terms and formulas

a) MEAN

-The average of the 10 S-CAL calibrator runs

b) NEW CAL FAC

-The calibration factor needed to obtain the S-CAL Calibrator Reference value. The instrument calculates and displays it whether or not it needs to be changed.

-Reference Value x Old Cal Factor = NEW CAL FAC

S-CAL mean value (n=10)

c) **OLD CAL FAC-The current calibration factor**

d) %CV

-Indicates the reproducibility of the S-CAL calibrator run.

-Check to ensure that the data being used are valid when making decisions to recalibrate or not.

e) FAC % DIFF

-The difference between the OLD CAL FAC and the NEW CAL FAC expressed as a percentage.

-NEW CAL FAC - OLD CAL FAC x 100 = FAC %DIFF
OLD CAL FAC

f) DELTA DIFF

-The absolute difference between the reference value and the S-CAL calibrator MEAN.

g) REF VALUES

-The assigned value for each parameter.

VIII. Assay Procedure

A. Run Start Up at the beginning of the first session each operational day.

1. Leave the instrument on and operate the HMX with all panels closed. Check to make sure the date and time displayed are correct. To set date and time select **Special Functions, Set Up, System Set Up, Set Date/Time**. Move the cursor and enter the correct date or time and press [Enter] or the arrow keys. Press [F10] to save and exit.
2. Are Start Up results already displayed as the result of a Clean cycle?
 - a) If No, go to step 2.
 - b) If Yes, go to step 3.

Note: The Clean cycle consists of 30 minutes in Shut Down followed by an automatic Start Up.

3. To begin Start Up, select **Diluter Functions, and Start Up**. Press [Enter]. Follow the instructions on the screen.
4. After Start Up is complete, evaluate the display. Expired reagents and failed checks appear in red. Press [F2] to view detailed results. Make sure the Background and other Start Up results are within limits. Results automatically print. Results outside limits turn red. File in the logbook.
5. Review and verify sample analysis set up.

- a) Select **Sample Analysis, Run Samples** [Enter]. Press [F5] for options. Press the corresponding function key to enter specific options.

Use the corresponding [F] key to change the setting. For example, press [F6] to turn the Diff ON. Press [Esc] to exit.

B. Run controls

Run Coulter LATRON primer and latex control, and all three levels, normal (blue), abnormal I (yellow), and abnormal II (pink), of Coulter 5C cell control daily at the beginning of the first session. Run all three levels (normal, abnormal I, and abnormal II) of Coulter 5C® cell control at the beginning of the second session.

C. Run Sample Persons

1. Review the placement of the bar code on the sample tube. Place the end of the label flush with the stopper. The bars on the label must be parallel to the stopper. If the label is skewed more than 5°, the scanner may not read it. Do not cover the bottom of the tube with the bar code label. The tube may jam in the carousel.
2. Run all samples in duplicate.
3. Run samples in the Primary mode.

In Primary mode, the system checks each sample aspiration using dual sensors, called blood detectors, which monitor the blood before and after it passes through the Blood Sampling Valve (BSV). These blood detectors optically sense air bubbles, diluent, and blood. As an indication of a good aspiration, the system looks for blood in both detectors. If the detectors optically identify bubbles in the sample, the instrument pierces the tube a second time. If the second aspiration contains bubbles, the instrument reports a partial aspiration. Bubbles or air may be present for various reasons, such as short sample aspirations or blockages in the aspiration pathway. Single dots (••••) and *PART. ASP* is reported instead of numeric results when a partial aspiration occurs. Samples that generate multiple partial aspiration messages should be evaluated for specimen quality according to laboratory's protocol. Samples with very low hemoglobin results may give partial aspirations when run in the Primary mode

because the blood detectors do not recognize the sample as being blood. To obtain results, cycle the sample in the Secondary mode.

Check to make sure the printer is working properly. Operate the Analyzer with the doors and panels closed. Monitor reagent levels.

- a) Do **SELECT FUNCTION** or **S/A 1° MODE ON** appear at the lower right corner of the DMS monitor?

If not, then access the Run Samples screen. At the Access screen, press [F1] **RUN SAMPLES** or at the Main Menu, select **Sample Analysis -> Run Samples**.

- b) Press [F3] **Run**.

- c) The instrument automatically prepares itself to run in the Primary mode, DIFF ON. Press [F6] **DIFF ON/OFF** to change the DIFF setting. Note, if **SAMPLE MODE** is not displayed, press [F9] **STOP** first.

- d) Does the top of the **F3-Run** window display **PRIMARY: SAMPLE ANALYSIS**? If yes, press [Esc]. If no, press [F2] **START PRIMARY**.

- e) Identify the sample by holding the bar code label on the tube in front of the reader. Green light will beep; place the tube in the carousel. If the red light appears, wait and try reading the bar code label again. Cycle the sample within 10 seconds of reading the bar code. After 10 seconds, the system deletes the identification. If necessary, enter 1 to 16 alphanumeric characters then press [Enter].

4. Alternatively, cycle samples in the Secondary mode.

Blood detectors are inactive in the Secondary mode. This mode does not check sample and aspiration integrity. Run samples in the Secondary mode only if the Primary mode is unavailable.

- a) Access the Run Samples screen. At the Access screen press [F1] **RUN SAMPLES** or at the Main Menu, select **Sample Analysis -> Run Samples**.
- b) Press [F3] **Run**.
- c) The instrument automatically prepares itself to run in the Primary mode, DIFF ON. Press [F6] **DIFF ON/OFF** to change the DIFF setting. Note, if **SAMPLE MODE** or **S/A 1°MODE ON** is not displayed, press [F9] **STOP** first.
- d) Press [F3] **SECONDARY**.
- e) Identify the sample by holding the bar code label on the tube in front of the reader. Green light will beep. If the red light appears, wait and try reading the bar code label again. . Cycle the sample within 10 seconds of reading the bar code. After 10 seconds, the system deletes the identification. If necessary, enter 1 to 16 alphanumeric characters then press [Enter].
- f) Cycle the sample in the Secondary mode:
 - (1) Mix the sample gently.
 - (2) Open the tube and immerse the aspirator tip in the sample.
 - (3) Press and release the sample bar.
 - (4) Remove the tube when the instrument beeps.

5. Review data and transmit
 - a) Review the data using the criteria described in Section X.
 - b) Set host computer to \uparrow . Data from the Coulter DMS is automatically transmitted to the ISIS system.
 - c) Use the Data Base Query to sort, retrieve, transmit, and archive data to diskette. Transmit data from the Coulter DMS to ISIS as necessary. Archive all data at the end of each stand.

To access the Data Base Query screen, at the Access screen, press [F4] **DATA BASE QUERY** or at the Main Menu, select **Sample Analysis -> Data Base Query**.

Use the Sort feature to define the criteria for the data. Sort by date, time, or ID. If you do not choose any sort criteria, the samples in the database are sorted chronologically by date and time.

To transit data from the DMS to ISIS, select **Sample Analysis -> Data Base Query**, [Enter.] When you access this option, you see what was selected by the last Sort criteria. To review other samples, change the sort criteria. If the last sorting process resulted in no entries displayed here, then when you access this option, the sort window appears.

To access the Sort Criteria window, press [F6] **Sort**. Enter sort criteria by TIME, DATE, ID #1, or ID#2. Select [F8] to execute the sorting process, [F7] **Tag** to tag or untag a highlighted individual sample or [F8] to **Tag All** to tag or untag all samples for batch processing, and [F5] **Batch** to display the Batch Process window.

At the Batch Process window, use the up and down arrows to move through the choices. Use the spacebar to toggle to between Yes and No. Set Print: to No and Host to Yes. Select [F8] **Execute**.

D. Daily Shut Down

1. Shut down the instrument for at least 30 minutes but less than 48 hours each day it is in use.
2. To begin shut down make sure the status line displays *Select Function*. Select **Diluter Functions -> Shut Down**. Press [Enter]. Allow the cleaning agent to remain in the instrument for a minimum of 30 minutes.
3. Perform Start Up before running samples or controls. Results must be within tolerance.

E. Clean Cycle

1. The Clean Cycle consists of a Shut Down cycle followed 30 minutes later by a Start Up cycle.
 - a) To initiate the Clean Cycle: Go to the Access screen [F1] from the Main Menu. Press [F3] **CLEAN**. Press [Enter] to begin. After the Shut Down portion of the cycle finishes, a window displays. Your options are: (1) Do nothing and allow the Clean Cycle to complete. (2) Press [F4] to abort the Clean Cycle. Cleaning agent remains in the system until you perform Start Up. (3) Press [F5] to begin the Start Up cycle immediately.

F. Prolonged Shut Down

1. If the instrument is going to be idle for 48-72 hours, perform the following procedure:

Complete Blood Count using HMX
NHANES 2007-2008

- a) Go to the Access screen and press [F3] CLEAN.
 - b) Once the cycle is complete, turn OFF the instrument using the On/Off switch on the back of the main unit.
 - c) When it is time to use the instrument:
 - (1) Turn power ON
 - (2) Prime the HMX PAK
 - (3) Perform Start Up.
 - d) Perform and verify QC checks according to laboratory protocol.
 - e) Operate as usual.
2. If the instrument is going to be shut down for more than 72 hours, perform the following steps:
- a) Place all reagent pickup tubes into distilled water.
 - b) Repeatedly perform Shut Down and Start Up procedures throughout the day.
 - c) Let distilled water remain in the reagent lines.
 - d) Turn off the power.
 - e) Place reagent caps on all open containers.
 - f) When it is time to use the instrument, turn on the power and place the reagent pickup tubes into the reagent containers, prime all reagents,

perform a shut down and then perform a Start Up. Results must be within tolerance.

- g) Perform daily QC and operate as usual.

G. Autopurge Cycle

1. After 23 hours in Shut Down, with the power ON and the pneumatics OFF, the system automatically:
 - a) Turns ON the pneumatics.
 - b) Purges the flow cell and sample lines with diluent.
 - c) Turns OFF the pneumatics.
 - d) Repeats this cycle every 24 hours until a Start Up is performed.

H. Beginning and end of stand operations

1. Beginning of stand:
 - a) Obtain one urine collection container or a 50-mL conical tube, one 3 or 4-mL EDTA tubes (1 clean aspiration system,), enough supplies to draw two 4-mL EDTA blood tubes, and a few plastic transfer pipettes.
 - b) Using all new containers of reagents, carefully unwrap and place all reagent pickup tubes in their appropriate container. Handle reagent tubes by the collar only to avoid contamination. Turn the power ON. Prime reagents through all the lines by selecting **Diluter Functions, Prime Reagents**, and choose **All**.

- c) Perform the Start Up procedure. This should take approximately 5-6 minutes. Results should be within tolerance.
- d) Contact the local Coulter® representative to perform an instrument verification procedure on setup day or as soon as possible.
- e) Calibrate, perform, and verify QC checks according to procedure.
- f) Review and verify system set up. Select **Special Functions ->Set Up ->System Set Up:**
 - (1) Select **Shift** [Enter]
 - (a) Move the cursor and set up the starting times for each shift and press [Enter] or the arrow keys. The system automatically calculates the end of the shift to prevent overlap.
 - (b) Set shift 1 "Time" at 0800.
Set shift 2 "Time" at 1230.
Set shift 3 "Time" at 2230.
 - (c) Press [F10] to save and return to the previous screen.
 - (2) Select **Reagents** [Enter]- Update reagent logs
 - (a) To record new reagent information: Key in the new reagent information: lot number, date reagent opened (pressing [Enter] automatically gives today's date), and the expiration date. Do not forget to enter revised expiration dates where appropriate. Press [Enter] after each item. Press [F10] to save the data and leave the reagent screen.
 - (3) Select **Institution** [Enter]
 - (4) Select **Communication Def.** Enter the SUPERVISOR PASSWORD, "super." Select, **Host Computer Definition**

- (a) Use [Enter] or arrow keys to move to the appropriate field.
- (b) Type in the following information where necessary and use the spacebar to choose between the responses. Press [F10] to save and [Esc] to return to previous screen.

STKS 2A Host Mode	Yes	Retics transmission	No
Timeout (secs)	8	Overall Retics	No
Baud rate	9600	Graphics	No
Parity	none	DF5	No
Stop bits	1	DF6	No
Handshake	Yes		
Block size		Enable Spooler	Yes
		Replace NULL by SP	No
Graphic transmission	No		
DF1	No		
DF2	No		
VCS histograms	No		
RBC histogram	No		
PLT histogram	No		

(5) Select **IQAP ID#**

Type in the IQAP number.

Enter 32979 1 H1 for instrument AJ47275

32979 1 H2 for instrument AK04023

32979 1 H3 for instrument AK04024

Press [F10] to save and escape.

(6) Select **Set Date/Time**

Move the cursor and enter the correct date or time and press [Enter] or use the arrow keys. Press [F10] to save and exit.

(7) Select **Supervisor Password**

Do NOT change the password under any circumstances.

(8) Select **Optimize Hard Disk**

Enter the password "super." Respond to the question, "Do you want to automatically optimize the Hard Disk during Powerup?" Verify that YES is displayed. Press [F10] to save and escape.

g) Review sample analysis set up. Select **Special Functions, Set Up, and Sample Analysis Set Up**. Type in the password "super."

(1) Select **Action limits** [Enter], **XB limits** [Enter].

Enter target and limit percent values.

XB Limits

	Target	Limit %
MCV	88.5	3
MCH	29.5	3
MCHC	33.5	3

Press [F10] to save and exit.

(2) Select **Action limits** [Enter], **Definitive flag limits** [Enter].

Disable definitive flag limits. Set low limit for all parameter values to zero except for PCT. Set lower limit for PCT to 0.000. Set high limit to 99.9 for all parameters except RBC, PLT, and PCT. Set RBC upper limit to 9.9, PLT to 999 (with no decimal) and PCT to 0.990. Press [F10] and [Enter] to save and escape.

(3) Select **Action limits** [Enter], **High/low Flag limits** [Enter].

Disable High/Low flag limits. Set low limit for all parameter values to zero except for PCT. Set lower limit for PCT to 0.000. Set high limit to 99.9 for all parameters except RBC, PLT, and PCT. Set RBC upper limit to 9.9, PLT to 999 (with no decimal) and PCT to 0.990. Press [F10] and [Enter] to save and exit.

(4) Select **Action limits** [Enter], **Laboratory Normal Ranges** [Enter]

Disable High/Low flag limits. Set low limit for all parameter values to zero except for PCT. Set lower limit for PCT to 0.000.

Set high limit to 99.9 for all parameters except RBC, PLT, and PCT. Set RBC upper limit to 9.9, PLT to 999 (with no decimal) and PCT to 0.990. Press [F10] and [Enter] to save and exit.

- (5) **Location list** N/A Do not access
- (6) **Physician list** N/A Do not access
- (7) **Display formats** [Enter] **Screen Labels** N/A Do not access
- (8) Select **Display formats** [Enter] **Parameter Selection**
Use the spacebar to select No for each of these parameters.

Press [F10] to save and escape
- (9) Select **Display formats** [Enter], **Reporting Units**
Use the spacebar to select US 1. Press [F10] to save and escape.
- (10) Select **Delete database** [Enter]
Delete database at the end of each stand after archiving the data to a diskette. The question, “You have asked to delete the ENTIRE database. Are you sure you want to delete?” Use the spacebar to toggle to toggle between Yes and No then press [Enter].
- (11) Select **Delete host spooler** [Enter]
Use this feature to clear the buffer of results waiting to be transmitted to the host computer. “Do you want to delete the host spooler?” Press the spacebar to answer Yes or No to the displayed question. Press [Enter].
- (12) **Clear printer spooler queue**

Use this feature to stop a print job and clear the DMS printer spooler of all data not yet sent to the printer. Move the cursor to the appropriate option. Press the spacebar to toggle between Yes and No. Press [F10].

Auto Print: No
Manual: No
Batch: No

- (13) Select **Print options** [Enter]

Auto Print Format

Use the spacebar to select [**GRAPHIC FORMAT**]. Press [F10] to save and escape.

Spooler Priority [Enter]

Leave [AUTO PRINT] as the default.

Graphic Options [Enter]

Verify the settings.

2. End of stand

- a) Obtain three urine collection cups and three 4-mL EDTA blood tubes.
- b) Review, print, and clear error file.

- (1) Select **Special Functions, Error File** [Enter]. Review data and print [F4]. Document any relevant information on the print out and file in the logbook. Delete file [F8] -- "Do you want to delete error file; NO" message will appear. Use the space bar to change No to Yes [Enter]. Return to main menu [F9].

- c) Download IQAP files to diskette following procedure described on the screen.

- d) Download or archive all stand result data to disk.

The DMS Archive feature lets you copy result data from the DMS onto a diskette and retrieve it on another computer in a spreadsheet format. Use a spreadsheet program that is compatible with the WKS format. Archive data at the end of each stand.

To Archive data, select **Sample Analysis->Data Base Query**. Perform a sort that includes all samples run during the stand. Use [F7] or [F8] to tag the samples you want to archive. Press [F5] **Batch** to display the Batch Process window. Move the cursor to the Archive field then press [F2] **Choice List**. Use the spacebar to highlight your choice then press [Enter]. If you select New, all tagged samples that have not yet been archived will be processed. If you select All, all tagged samples will be processed, even if they have already been archived. If you select No, Archive is inactive. Move the cursor to the Filename: field and enter a file name of your choice. Type **A:** then up to eight characters. An extension is not required. Example: **A:\stand210** could be the file name for sample results archived at the end of stand 210. Insert a formatted diskette into the DMS diskette drive. Press [F8] **Execute**. **Note:** If a power failure occurs during the archiving process, the samples from this archiving session are incorrectly marked as archived but the data file is empty. Reselect the samples from the session and select **All** to ensure all of the samples in process are correctly archived. Wait until the *Batch is Inactive* message appears, and then remove the diskette from the diskette drive. **Note:** If the space on the diskette is insufficient for archiving all of the tagged samples, the DMS displays the error *DISK FULL - ARCHIVING DISCONTINUED*. Remove the full diskette from the DMS diskette drive and insert an empty formatted diskette. Ensure the Archive option selected is **New** then press [F8] **Execute**. Any samples tagged but not archived yet are copied onto the new diskette.

- e) Perform daily Shut Down. Let cleaning agent remain in the instrument for at least 30 minutes.
- f) Perform Start-up.
- g) Disable the reagent sensors. Select **SPECIAL FUNCTIONS, DIAGNOSTIC, OPERATOR OPTIONS, FLUIDIC TESTS,** and **DISABLE REAGENT SENSORS.** Toggle through each reagent line using the space bar to change "ON" to "OFF."
- h) Bleach the reagent lines.
 - (1) Remove all reagent pick-up tubes from the reagent containers. Dispose of all open containers. Wash and save the reagent collars.
 - (2) Prepare a 25% solution of bleach (250-mL) and distilled water (750-mL) in one liter bottle. Place all reagent pickup tubes into the 25% bleach/distilled water solution. Select **Diluter Functions, Prime Reagents,** Select **ALL.** Press [Enter]. Repeat this procedure two more times.
- i) Place all reagent pickup tubes into containers of distilled water.
- j) Bleach the apertures and flow cell.
 - (1) Mix 15-mL bleach and 15-mL distilled water in a plastic container.
 - (2) Put 30-mL of distilled water in a second plastic container.
 - (3) Open the front panel.
 - (4) Select **Diluter Functions,** and **Disinfect.** Press [Enter].

- (5) The instrument defaults to 15 minutes; change the number to 03 or stop the procedure after 3 minutes. Press [Enter].
 - (6) Immerse the bleach probe in the bleach solution when the screen displays, "PRESS ANY KEY WHEN READY TO ASPIRATE BLEACH." Press any key. Aspirate all the bleach solution.
 - (7) Immerse the bleach probe in the distilled water when the screen displays, "PRESS ANY KEY WHEN READY TO ASPIRATE WATER." Press any key. Aspirate all the distilled water. Stop the cycle after 3 minutes by pressing [F4].
 - (8) Wait until the screen displays *Select Function* before touching any keys. When *Select Function* is displayed, continue with the following procedure.
- k) Disinfect the needle. Bleach the aspiration system using the Clean Needle procedure.
- (1) Prepare a fresh bleach solution. Put 1-mL bleach and 1-mL distilled water into 4-mL lavender top Vacutainer® tube.
 - (2) Stop the system before beginning the Clean Needle procedure. If status message is not *Select Function* or *Compressor Off*, go to **Sample Analysis, Run Sample, [F3], and Run.** Press [F9] **Stop.**
 - (3) Select **Special Functions, Diagnostics, Operator options, Fluidic Tests, and Clean Needle.** Press [Enter] and follow the screen instructions. Wait for green light before placing tube into the carousel.

- l) Perform reproducibility in Primary and Secondary mode using this 1% bleach solution. Prepare a 1% bleach solution and fill one 4-mL EDTA blood tube with this solution. Turn the diff off. Is *Sample Mode?* displayed? If Yes, go to step 3. If No, press [F9] Stop. Press [F6]. Press space bar to turn the DIFF OFF. Press [Enter]. Press [F2] *START PRIMARY*. Select **Special Functions, Calibration, and Reproducibility**. Select Primary and aspirate three samples of 1% bleach. Enter [F3]; sample mode. Enter [F9] Stop. Select Secondary mode and aspirate three samples of 1% bleach solution.
- m) Rinse the reagent lines. Make sure all reagent lines are immersed in containers of distilled water. Select **Diluter Functions, Prime Reagents**, select **ALL**. Press [Enter]. Repeat this procedure two more times.
- n) Perform a Start Up. Make sure containers are full.
- o) Perform reproducibility in Primary and Secondary mode by using distilled water. Fill one 4-mL EDTA blood tube with this distilled water. Turn the diff off. Is *Sample Mode?* displayed? If Yes, go to step 3. If No, press [F9] Stop. Press [F6]. Press space bar to turn the DIFF OFF. Press [Enter]. Press [F2] *START PRIMARY*. Select **Special Functions, Calibration, and Reproducibility**. Select Primary and aspirate three samples of distilled water. Enter [F3], sample mode. Enter [F9] Stop. Select Secondary mode and aspirate three samples of distilled water. Press [Enter].
- p) Select **Diluter Functions, Start Up**. Press [Enter]. Perform one additional Start-Up procedure with the lines in the distilled water containers.

- q) Cycle the instrument dry.
- (1) Remove all reagent pickup tubes from the distilled water containers.
 - (2) Continue to cycle the instrument dry by priming air through all the lines by selecting **Diluter Functions, Prime Reagents** and choose **ALL**. Repeat these actions at least three times.
 - (3) Open front cover. Using hemostats, seal tubing with check valve coming out of the bottom of the sheath tank. Loosen the four large screws that hold the panel containing the sheath tank. Gently pull panel away from instrument. Trace two red wires from top of sheath tank to plastic electrical connection. Disconnect the junction. Insert paper clip into junction so that a circuit is formed on the instrument side of the connector. Do this by bending paper clip into a U and placing one end of paper clip into each of the open sockets on the instrument side of the junction. This will allow the instrument to Drain, Vent, and Shut Down without reagent. Select **Special Functions, Diagnostics, Operator options, and Drain and Vent**. Press [Enter.]
 - (4) Select **Diluter Functions, and Shut Down**. Press [Enter].
 - (5) After cycles are complete, remove paper clip, reconnect junction, put panel back into instrument and tighten screws, then remove hemostats.
- r) Enable the reagent sensors. Select **Special Functions, Diagnostics, Fluidic Tests, and Disable Reagent Sensors**. Toggle through each reagent line using the space bar to change "No" to "Yes."
- s) To protect the reagent pickup tubes from contamination, wrap them securely in paper towels. Allow air to continue to dry the tubes.

- t) Turn off the power.
- u) Rinse exterior of BSV with distilled water to remove built up Isoton and blue Clenz agent. Blot the BSV dry with lint free tissue. Do not use gauze.
- v) Wash exterior of instrument with distilled water.
- w) Empty waste and rinse container.
- x) Blow air through the flow cell at the end of each stand. This is referred to as the Triple Transducer Module (TTM). Address questions to the service representative at 1-800-526-7694. Remove the 6-inch sample line to the flow cell at the mixing chamber. Connect a 10-mL syringe with tubing to the 6-inch line and force air into the line to remove ALL remaining liquid from the flow cell and the 6-inch sample line. Reconnect the sample line.

IX. Coulter® Reportable Range of Results

Parameter	Linearity	Limits: The greater of
WBC x 10 ³ cells/ μ L	0 to 99.9	0.2 or 3.0%
RBC x 10 ⁶ cells/ μ L	0 to 7.00	0.05 or 2.0%
Hgb g/dL	0 to 25.0	0.2 or 3.0%
MCV fL	50.0 to 150.0	2.0 or 3.0%
Plt x 10 ³ cells/ μ L	0 to 999	10.0 or 7.0%
MPV fL	5.0 to 20.0	5.0%

X. Quality Control

- A. Latron (trademark) primer and latex controls (PN 7546914 - 5 x 16-mL) The Latron control is for use in monitoring the volume, conductivity, and light scatter (VCS) parameters on the HMX. Use the Latron control immediately following the Latron® primer. Run this control at the beginning of each day. Date and initial the vials when opened.
1. Principle – The Latron control is a ready-to-use suspension of latex particles. These particles pass through the flow cell and produce characteristic electrical signals. It measures these signals as volume, conductivity, and light scatter. The Latron Primer is supplied as a ready-to-use solution which prepares the sample line by eliminating interfering particles.
 2. Reagents – The Latron Control consists of latex particles suspended in a buffered bacteriostatic and fungistatic medium containing a surfactant. The Latron primer consists of a buffered bacteriostatic and fungistatic medium containing a surfactant.
 3. Storage, handling, and stability – Sealed vials are stable until their expiration date when stored and used at 2-30°C (35-86°F). Once open, date, and initial vials. Opened vials are stable for 30 days when stored at recommended temperatures. Keep vials tightly capped when not in use. Do not freeze.
 4. Indications of instability or deterioration – Inability to recover expected results might indicate product instability or deterioration due to improper storage, handling, or contamination. Discard vial if debris is visible and put new vial into use.
 5. Instructions for use – Before running control, verify that a Startup has been performed.

- a) Run Latron® primer in the secondary mode. Access the Latex Control Run screen at the Access screen press [F2] **RUN CONTROLS** or at the Main Menu, select **Controls -> Control Run**. If the **LATEX FILE** does not appear, press [F2] File. Select the **LATEX FILE**. Press [Enter]. Press [F3] Run [F4] Primer. Cycle the primer by immersing the aspirator tip completely in the primer. Press and release the sample bar. The aspirate probe for open vials will begin to aspirate the primer. Remove vial when the audible "beep" occurs. Evaluate primer results. Results should be less than 500. Press [Esc] to remove the primer run.

- b) Run the latex control. Mix a room-temperature control vial gently by inverting five (5) to eight (8) times. Be careful to avoid foaming. When *Select Function* appears on the status line, press [F3] **Run**, [F3] **Control (SECONDARY)**. Cycle the control by immersing the aspirator tip completely in the vial. Press and release the sample bar. The aspirate probe for open vials will begin to aspirate the control. Remove vial when the audible "beep" occurs.

- c) Examine the Mean Channel and Coefficient of Variation for volume, conductivity, and light scatter for the Diff Mode only. Compare the results to the Assigned Mean Values and Expected Coefficient of Variation. Check for **H** (high) or **L** (low) beside the results. If there are no H's or L's, results are within range. Press [F4] to print results for the logbook. If H or L displays, do the following:
 - (1) Assigned value or range is incorrect – Be sure the assigned values match the ones on the LATRON control package insert. If in error, correct them by selecting **Special Functions -> Set Up -> Control Set Up**.
 - (2) Bubbles in the flow cell or improper vial handling – Rerun the primer and control.

- (3) Contaminated control, improperly mixed, or past open vial expiration date – Wipe the aspirator tip. Try a new vial of Latron control. Mix gently according to directions.
- (4) ":::::" System detects a clog in the flow cell – Press [F3]. Press [F7] to PURGE the flow cell. Press [F4]. Cycle the Latron® primer again. Press [Esc] [F3] [F3]. Cycle the Latron® latex control again. If the control is still "out" of range, repeat the actions 2 or 3 more times. If the problem remains, either performs a ShutDown or turns the DIFF OFF and run CBCs only. If problem continues, call a Coulter representative for assistance.
- (5) Assigned value or range is incorrect – Be sure the assigned values and ranges match the ones on the Latron package insert. If in error, correct them by selecting **SPECIAL FUNCTIONS, SET-UP, AND CONTROL SET UP.**

6. Setting up a Latex control file

Set up a file each time a new lot number is received. Assigned channel, expected range, and %CV are automatically entered; change them to assigned values on assay sheet, if necessary.

Choose **SPECIAL FUNCTIONS -> SET UP -> CONTROL SET-UP -> LATEX FILE.** Select a NOT SET-UP or an inactive file. Manually enter the name of the file (Latron), Lot #, expiration date, and operator initials. The system automatically enters the assigned values, expected ranges, and expected %CVs. Check to make sure that the HOST: is set to ON. This means that the control run results are transmitted to the host computer at the time of the run. Use the spacebar to toggle between ON and OFF. Check all entries to make sure they are correct. Press [F10] to save and escape.

B. 5C Cell Controls Tri Pack contains Normal (blue), Abnormal I (yellow), Abnormal II (pink) (PN 7547001 - 9 x 3.3-mL.) The 5C-cell control is a hematology reference control used to monitor the performance of instruments with complete CBC and VCS differential technology. Run all three levels of control at the beginning of each session. Date and initial the open vials.

1. Principle – The 5C cell control is a reference product prepared from stabilized human blood. 5C Cell Controls confirms and monitors instrument accuracy and precision performance by providing measurements for counting, sizing, hemoglobin determination and white blood cell differentiation using CVS technology.
2. Reagents – 5C-cell control consists of treated, stabilized human erythrocytes in an isotonic bacteriostatic medium. 5C-cell control also contains a stabilized, platelet-sized component, and fixed erythrocytes to simulate leukocytes.
3. Storage, handling, and stability – Store 5C-cell control at 2-8°C. When stored at 2-8°C, sealed vials are stable at least until the expiration date shown on the Table of Expected Results. **NOTE:** The MCV and/or RDW parameters may show trending through the shelf life of the product. This is inherent to the product and is not an indicator of product stability. Date and initial open vials. Opened vials are stable for 13 days or 13 events when stored at 2-8°C.

Potential biohazard – Each human donor used in preparation of this material was tested by an FDA-approved method for the presence of the antibodies to Human Immunodeficiency Virus (HIV-1 and HIV-2) and Hepatitis C (HCV) as well as for hepatitis B surface antigen and found to be negative (were not repeatedly reactive). Handle these reagents at Biosafety Level 2 because no test method can offer complete assurance that these and other infectious agents are absent.

This product contains <0.1% Sodium Azide. Sodium Azide preservative may form explosive compounds in metal drain lines. Discard this product in biohazardous waste containers.

4. Indications of instability or deterioration – Inability to obtain expected values without known instrument problems or gross hemolysis (darkly colored supernatant) indicate product deterioration. However, a slight pink color to the supernatant is normal. Do not confuse this pink color with deterioration of the product.
5. Prepare the instrument – Insert the Control Disk when a new lot of 5C Cell Controls is put into use. Follow the instructions on the Workstation/computer screen.
6. Instructions for use – Remove 5C cell control tubes from refrigerator and warm to ambient temperature for 10-15 minutes. After warming, mix by hand as follows:

Do not use a rotator, rocker, or mechanical mixer. Roll the tube slowly between the palms of the hands eight full rotations in an upright position. Invert the tube and slowly roll it again eight times. Gently invert the tube eight times. Repeat these actions again.

- a) Run the 5C-cell control in the Primary Mode. Does *SELECT FUNCTION* appear at the lower right corner of the DMS screen? If no, Access the Run Samples screen: at the Access screen, press [F1] **RUN SAMPLES** or at the Main Menu, select **Sample Analysis -> Run Samples**. If yes, access the Run Samples screen: at the Access screen, press [F1] **RUN SAMPLES** or at the Main Menu, select **Sample Analysis-> Run Samples**. Press [F3] **Run**. The instrument automatically prepares itself for Primary mode, DIFF ON. Make sure the DIFF is ON. If it is OFF, press [F6] DIFF ON/OFF. Note: If SAMPLE MODE? is not displayed, press [F9] **STOP** first. Does the top of the F3-Run window display **PRIMARY: SAMPLE ANALYSIS**? If yes, press [Esc]. If no, press [F2] **START PRIMARY**.

- b) Complete the entire procedure and return the controls to the refrigerator within 30 minutes.
- c) Identify the sample by holding the bar code label in front of the reader. Place the control in the carousel. Repeat for other levels of controls.
- d) Check the results of each control. Coulter has established control limits for each parameter for each of the three levels of 5C Cell Controls. The limits are set at +/- two standard deviations. NCHS does not want QC results that are out of range to be included in the NCHS analytical database. Delete any individual 5C Cell Control run that includes any results that are flagged out of range. Print the results before deleting and document on the printout what action was taken to correct it. Send all documentation to the home office at the end of each stand.

Select **CONTROLS -> REVIEW, OR REPORT** and [F2] to select a file for review. Choose one control file and [Enter]. Check for **H** (high) or **L** (low) beside the results. If there are no H's or L's, results are within range. To print results for the logbook for the last control run, press [F4] Print. Use [F2] to select another file and repeat actions. If **H** or **L** displays, consider the following reasons and perform and document the following actions:

- (1) Improper mixing – Follow instructions and rerun control.
- (2) Control files set-up incorrectly – Make sure the assigned values and ranges match those on the control package insert. If in error, correct them by selecting, **SPECIAL FUNCTIONS, SET UP, CONTROL SET UP.**
- (3) Chance (statistical outlier) – Rerun the control. If it is still out, continue with the following actions.
- (4) Change in the control – Try another vial or level of control.

- (5) Instrument change – Watch for normal sample flow. Call Coulter® representative to help troubleshoot abnormal operation.

7. Setting up a CBC/Diff control file

Set up a file whenever receiving a new lot number of control. Enter control package insert information for control with differential. Enter information using the bar code wand. Enter information manually if necessary.

Select **Special Functions -> Set Up ->Control set up -> CBC/DIFF file**. Select a file to set up. Insert the 5C cell control diskette into the diskette drive of the computer. Press [F5] **Upload Assay Values**. Press the function key for the desired level of control: [F1] for Normal, [F2] for Abnormal I, [F3] for Abnormal II. Manually enter Shift and Operator ID. Check that HOST: is set according to ↑. ON means that control run results are transmitted to your host computer at the time of the run. Spacebar toggles between ON and OFF. Check all entries to make sure they are correct then press [F10] to save and escape. Repeat these steps for the other levels of control. Once you are finished, remove the 5C cell control diskette from the diskette drive of the computer.

a) Manual entry

If the 5C cell control diskette fails to upload, you can enter all data manually. Refer to the package insert for lot specific information and assigned values. The system automatically enters the level and expected ranges based on the first two digits of the lot number. Press [Enter] after each entry. Press [down arrow] at the end of each row of assigned values unless you are also entering your own expected ranges.

C. Control statistics and graphs

1. Use to review and print:

Control results, cumulative statistics and histograms for LATEX Files;
Control results, cumulative statistics and graphs for CBC/DIFF files; or
Check cumulative results for trends or shifts as necessary for troubleshooting.

Print, review, and delete cumulative statistics and graphs for all CBC/DIFF and LATEX files at the end of each stand after transferring information to the IQAP disk and file in the logbook.

2. Latex control review and report

a) Use this report to review and print control results and cumulative statistics and histograms for LATEX files. Check cumulative results to look for trends, shifts, or, if necessary, troubleshooting.

b) Screen-specific function keys:

[F2] File Displays all available files. Use [↓] and [↑] to select the correct file. Press [Enter].

[F3] Transmit Transmits the data of the entire control file to a host computer.

[F4] Print Prints the entire file in a line list format.

[F5] Histo Displays the volume, conductivity, and scatter (CVS) histograms screen Use [F4] to print the screen and [F6] Additional Histo to switch between Diff and RETIC histograms..

[F6] Rem/Res Removes a highlighted run from the calculations. A DEL appears in place of the run number. The statistics recalculate. Pressing [F6] again restores the run and original statistics.

[F8] Delete File Deletes the current control file. Displays a message "You have asked to delete ENTIRE control file. Are you sure you want to delete?" Press the spacebar to select Yes or No then press [Enter] to confirm the choice.

- [F9] Menu Exits to the main menu.
- [←] [→] Press [←] or [→] to go back and forth between the Diff Latex Control Review screen and the Retic Latex Control Review Screen.

3. CBC/DIFF control review and report

- a) Use this report to review and print control results and cumulative statistics for CBC files. Can also be used to transmit the data of the entire control file to a host computer. Select **CONTROLS -> REVIEW OR REPORT**, and [Enter]. Press [F2] to select one of the following files, Normal, Abnormal I, Abnormal II, and Latex [Enter]. Press [F4] to print. Review and file in logbook. Continue to select each file in turn, print, and file.

Screen-specific function keys:

- [F2] File Displays all available files. Use [↓] and [↑] to select the correct file. Press [Enter].
- [F3] Transmit Transmits the data of the entire control file to a host computer.
- [F4] Print Prints the entire file in a line list format.
- [F6] Rem/Res Removes a highlighted run from the calculations. A DEL appears in place of the run number. The statistics recalculate. Pressing [F6] again restores the run and original statistics.
- [F8] Delete File Deletes the current control file. Displays a message "*You have asked to delete ENTIRE control file. Are you sure you want to delete?*" Press the spacebar to select Yes or No then press [Enter] to confirm the choice.
- [F9] Menu Exits to the main menu.

[F12] Graphics Displays scatterplots, histograms, and numeric results
[←] [→] More Press [←] or [→] to see additional parameters not
displayed on the screen.

D. Record 5C Cell and Latron Lot Numbers in ISIS

The ISIS maintains the capability to download all 5C Cell and Latron Control data. The data are used to monitor quality control results. Upload or enter data for each lot number each time a new lot number is put into use. The ISIS uses the same 5C Cell control disk as the HmX. Manually enter the Latron data using information contained in the package insert.

Access the Coulter QC Lot Info module.

The Lab Hood or data entry window displays.

The data entry window contains **Import 5C** and **New Latron** buttons. The window also contains **Save**, **OK**, and **Cancel** buttons. After the data are entered, there are possible actions: save, save and exit, or exit without saving the data. Make sure the separate floppy drive is connected to a USB port on the sink hard drive. Insert the HmX 5C Cell control disk into the floppy drive attached to this computer.

Select the **Import 5C** button or type [Alt] [I/i] to begin the process of entering 5C Cell lot information.

The Select File window displays.

Identify the location of the disk containing the 5C Cell control data.

Highlight the CONTROL.008 file, select the Open button and left click.

Once the Open button is selected, the data are uploaded and the Lab Hood window reappears. The data fields display the uploaded data for the three levels of 5C controls; Abnormal I, Normal, and Abnormal II. Stretch the window to view all parameters and values.

Review the data in the window. Compare the data in the window to the data on the package insert. Verify the lot number and expiration date. Validate the Expected and Range values for each parameter. Confirm this information for each QC Type. Enter the Latron data by hand entering the data from the package insert. To access the Latron data entry fields, select the “New Latron” button. The lower portion of the window contains 9 text boxes, three each for Volume (V), Conductivity (C), and Scatter (S).

Enter the lot number and expiration date. The Lot# and Expiration text boxes are located in the top portion of the window. Use the scroll bar to view the row. Type in the Lot number using the keyboard numbers and use the calendar to enter the expiration date. Use the keyboard number keys to enter the lot number then select [Tab] to move to the expiration date field. The calendar displays. Select the correct expiration date and, when finished, select the “OK” button to insert the date into the field.

Use the keyboard number keys to enter the Latron data. The window is identical to the layout of the data on the package insert. Use the keyboard number keys to enter each value for Mean, Expected Range, and CV. When finished, select the Save button to save the data to the database. It is possible to enter Latron data for a new lot without entering 5C Cell control data. Select the “New Latron” button to access the module. The window only contains text boxes for the Latron control. Enter the data and save the information to the database.

E. Interlaboratory Quality Assurance Program (IQAP)

All instruments participate in Coulter’s IQAP program. The IQAP program includes saving results of 5C Cell controls, transferring them to a disk, and sending them to Coulter who compares the results to other laboratories. Coulter issues a report that contains a statistical analysis to evaluate performance. Perform this procedure at the end of each stand, or when a lot expires.

Follow procedure for CBC/DIFF and Latex control review and report. After downloading and printing results, delete control files [F8].

1. Procedure to download IQAP files to diskette.
 - a) Slide the diskette into the drive with the arrow side up and pointed toward the drive in the Coulter® Data Management System. Gently push the diskette until it clicks into place.
 - b) Turn the computer OFF. Wait 15 seconds, and then turn the computer back ON. A screen will appear showing the Coulter® Corporation logo. To exit this screen, follow the instructions on the bottom left portion of the screen, and press [Esc].
 - c) The screen will indicate the process the system is performing. Read the instructions on the screen. When the process is complete, the DMS displays the list of possible files on the screen for review and selection. If some of the values are incorrect, edit or delete the fields on this screen. Any alteration to this screen will affect only data on the IQAP diskette, not in the HMX computer.
 - LOT_# indicates the type of control. Prefixes 86, 87, and 88 refer to 5C Cell Controls.
 - SHIFT refers to the shift designation selected for running the controls. Edit this field if necessary. Use arrow keys to position.
 - START and END indicate beginning and end dates for each file. These fields are not editable.
 - REPORT indicates whether IQAP will issue a report on the lot number.
 - N_REC indicates the number of records found in the file.
 - d) FILE_NAME indicates the files by file number for downloading to the diskette.
 - e) Press [Esc] to leave this screen. If the IQAP# and Serial# are present and valid, the following screen message will appear, "Updating the IQAP

Disk." After writing the control files to the diskette, a screen message will give instructions to follow. Follow these instructions and the computer will reboot to the routine program. To remove the diskette, press the eject button on the lower right of the diskette drive opening. Do not remove the diskette until the drive indicator light is off.

- f) Label the diskette with the supplied IQAP ID label. Place the diskette in the preaddressed mailer provided and mail. Do not place the label over the drive spindle or high-density hole.

F. Proficiency testing

Evaluation and participation in the College of American Pathologist (CAP) proficiency-testing program is part of the comprehensive quality control program. These survey materials are shipped three times per year and consist of 5 3-mL whole blood specimens. Follow all CAP instruction in preparing the materials before performing the test. Run specimens in a manner identical to routine specimens. Fill out the CAP result form, make a copy for the logbook, and send results to CAP.

G. Linearity for WBC, RBC, Hgb and Plt parameters

Lin-C™ (PN 7547065 - 5 x 3.3-mL) – The Lin-C™ linearity controls verifies the reportable range of Coulter® hematology systems that use both Isoton® III diluent and Lyse S® III diff lytic reagent.

OR

CAP Hematology Calibration Verification/Linearity Survey (LN9) - These materials are shipped twice per year and consist of 18 3-mL liquid specimens. Follow all CAP instruction in preparing and running the materials before performing the test. Fill out the CAP result form, make a copy for the logbook, and send results to CAP.

Run either the Lin-C(trademark)or CAP LN9 survey material:

At installation

At least yearly

Whenever experiencing an altitude change of 1 mile or more between stands

1. Principle - Lin-Clinearity controls are human blood components from which repeated measurements verify the reportable range of Coulter hematology systems. Controls contain one each of Ultra Low Range, Low Range, Mid Range, High Range, and Ultra High Range. Lin-C verifies ranges for the following parameters: WBC, RBC, Hgb, and Plt.

To ensure the accuracy of linearity control ranges, Coulter system calibrates with S-CAL calibrator.

2. Reagents – Lin-C controls consist of treated, stabilized, human erythrocytes in an isotonic bacteriostatic medium. Linearity controls also contain a stabilized platelet-sized component, and fixed erythrocytes to simulate leukocytes.
3. Storage, handling, and stability – Ship Lin-C controls in thermally insulated containers designed to keep kits cool. Store Lin-C linearity controls between 2-8°C (35-46°F). Store vials in an upright position to achieve maximum product yield. Storage of the control product in a cap down position might require additional mixing or complete resuspension of cellular components.

Potential biohazard – Each human donor used in preparation of this material was tested by an FDA approved method for the presence of the antibodies to Human Immunodeficiency Virus (HIV) and Hepatitis C (HCV) as well as for hepatitis B surface antigen and found to be negative (were not repeatedly reactive.) Handle these reagents at Biosafety Level 2 because no test method can offer complete assurance that these and other infectious agents are absent.

4. Indications of instability or deterioration – Inability to obtain expected values without known instrument problems or gross hemolysis (dark colored supernatant) indicates product deterioration. A slight pink color to the supernatant is normal. Do not confuse this pink color with deterioration of the product.

5. Instructions for use -- Remove Lin-C controls from refrigerator and warm to ambient temperature for 10-15 minutes. After warming, mix by hand as follows:

Do not use a rotator, rocker, or mechanical mixer. Roll the tube slowly between the palms of the hands eight full rotations in an upright position. Invert the tube and slowly roll it again eight times. Gently invert the tube eight times. Repeat these actions again. Controls expire 7 days after opening.

- a) Turn the blood detectors off to analyze the Ultra Low Range. Select **SPECIAL FUNCTIONS, DIAGNOSTICS, OPERATOR OPTIONS, BSV TESTS, and BLOOD DETECTOR ON/OFF.** Press [Enter]. Use space bar to select On or OFF. Press [Enter].

- b) Disable the differential before analyzing Lin-C linearity controls. Is SAMPLE MODE displayed? If no, press [F9] STOP. Make sure the DIFF is off. If it is on, press [F6].

- c) When analyzing Lin-C linearity controls, flags such as L, LL, H, HH, R, RR, *, *R, and *V will occur. Ignore these flags if a numerical result is obtained. When ---- (voteout), (incomplete computation) or ++++ (over range) flags occur, the sample should be repeated. Ignore Coulter histogram differential flags and results.

- d) Run the Lin-C controls in the Primary Mode of the instrument. Select **SPECIAL FUNCTIONS, CALIBRATION, and REPRODUCIBILITY.** Press [Enter]. Press [F2] START PRIMARY. Analyze controls six times and record the results for WBC, RBC, Hgb, and Plt

parameters for each sample on the worksheet. Repeat flagged samples with non-numeric results.

- e) Coulter recommends that five sample results should be used to calculate the mean value. Use a minimum of three samples to calculate the mean when repetitive results with non-numeric values occur. Delete the first sample result. Plot mean recovered values on the Lin-C linearity control graphs.
- f) Compare the mean value to the linearity control ranges listed on the Table of Expected Results on the package insert. Mean values should recover within the ranges. Use the ranges established by Coulter Corporation as a guideline.
- g) Plot the instrument background count as a zero value to extend the reportable range. Coulter will prepare tabular summaries and graphic presentations of the data. Submit the top copy of the worksheet to IQAP at the following address:

Coulter Corporation
IQAP (M/C 31 B04)
PO BOX 169015
Miami, FL 33116-9015

XI. Interpretation of Results and Remedial Action

A. Sample Person hemoglobin and hematocrit review and remedial actions.

- 1. Review all results to make sure the hemoglobin and hematocrit are acceptable. The hematocrit should be approximately
- 2. Three times the hemoglobin.

B. Sample person parameter value review and remedial actions.

1. Access the Hematology module or reject a clotted blood tube.

Open the Hematology module.

The Hematology module does not need to be open before running SP samples on the HMX. Note the red icon in the lower right hand corner of the system tray.

This is the NHANES Coulter Monitor icon. It must be open and running at the start of each session. This icon stores all HMX runs in the ISIS database. Open the icon by double-clicking on the Coulter icon on the desktop. The Coulter icon looks like this:

Open the Hematology module.

Either open the module or reject the specimen and add a reason or comment for every CB record where blood was drawn in phlebotomy AND there are no CBC results.

Open the module {Process CBC Data} or record a reason why the CBC is not being run {Not Processed CBC Data}. Select or record a comment for every CBC that is not run.

A pop-up window will display. Confirm the selection.

A CBC Data Not Processed message text box displays that asks, "Would you like to mark sample id XXXXXX as Clotted/Not Enough Blood/Equipment Failure/Lab Error?" . If a Yes response is recorded, the comment is saved to the database. If a No response is recorded, no comment is saved to the database. If the record is marked with the selection in the database, then the heads-up display updates to complete (the CB circle fills in black).

2. Hematology module overview.

Coulter does not automatically transmit results to the Laboratory application. Use the Retrieve button to send the results from the DMS to the hematology module. Select after each run. Make sure the Coulter DMS host computer icon (HC) is displaying an up arrow (↑) in the DMS bottom tile bar.

After data are retrieved it displays in the top portion of the window, the SP Data section. This section includes the SP ID, the date and time the CBC was run, and columns for each individual parameter. The bottom portion of the window is the Results section. Results display after the Average Selected ID button is selected.

Review all Coulter data in the SP Data section after it has been retrieved.

The Hematology Results section overview.

The Result columns include: Sample ID, Item (CBC parameter), Result (Coulter data for a single run or the ISIS averaged result for multiple runs), Action (CDC established critical limits), Range (CDC established reference ranges for both genders and four age groups), Error (Coulter transmitted instrument errors), Overlimit (Coulter transmitted result that exceeds the instrument's linearity limit), and Precision (CDC established values for the difference between any two runs.) Checkmarks display in boxes for parameters that have errors, are overlimit, or for those that exceed precision limits. An "H" for "high" and "L" for "low" display for parameters that exceed action limits or reference ranges.

Average, evaluate, and save results for all parameters. The SP's results display in the bottom portion of the window after the Average Selected ID button is selected. Evaluate each parameter for error, overlimit, and precision checkmarks, and "H" or "L" action limit and reference range flags. After results are saved, they are erased from the screen.

A warning text box displays if the Close button is selected before the results have been saved.

If the Close button is selected before the results are saved to the database, a warning message text box displays that states, "WARNING *you have not saved the data in the 'Result' window" and asks, "Do you want to save the data before exiting?" If a Yes response is recorded, the CBC results are saved to the database and erased. If a No response is recorded, no results are saved to the database and the data in the Results section is erased. A Cancel response returns the screen to its previous state.

3. Running samples when only one run is possible.

Save results where only one run was possible.

Run samples in duplicate whenever possible. If the whole blood is insufficient, it is acceptable to average and save only one run. A warning message text box displays that states, "You have downloaded only one (1) run from the Coulter HMX for SPID XXXXXX" and asks, "Do you want to create an average based on a single run?" If a Yes response is recorded, the CBC results display in the bottom Results section of the window. A "No" response cancels the action and returns the window to its previous state. For results where only one run was possible, the Comment box at the bottom of the window defaults to "result based on single run."

4. Running samples in duplicate.

Run all samples in duplicate and average the data.

Whenever a sample is run in duplicate, both results display in the SP Data section. Results display in the lower section of the window. The difference between duplicate values for WBC, RBC, Hgb, MCV, Plt, NE#, LY#, MO#, EO# and BA# are calculated and evaluated to determine if the differences are within the following CDC established precision limits.

CDC established precision limits:

Test	Precision Limits
WBC	0.4×10^3
RBC	0.1×10^6
Hgb	0.4 g/dL
MCV	2.2 fL
Plt	23×10^3
NE#	0.4×10^3
LY#	0.2×10^3
MO#	0.2×10^3
EO#	0.2×10^3
BA#	0.2×10^3

If RBC parameters are out of range, evaluate the data for drift. If drift is evident, evaluate the possibility of an instrument malfunction. If any WBC differential absolute number is out of range, check the WBC scattergram for abnormal cell population(s).

Evaluate and save results when precision limits are not exceeded.

Evaluate results for all parameters. Evaluate each parameter for error, overlimit, and precision checkmarks, and "H" or "L" action limit and reference range flags. If there are no checkmarks in the Precision column (no precision limit was exceeded), save the results to the database.

Average, evaluate, and rerun specimens that exceed precision limits.

If at this point, precision limits are exceeded for any individual parameter, the technologist is prompted to run a control and evaluate the control to determine if all control values fall within the control's established range.

If any parameter exceeds its precision limit, the Hematology Control Run window displays. The Hematology Control Run window indicates that the "Samples for SP ID XXXXXX are outside the defined precision limits." It instructs the technologist to "Please run a successful control for Session ID XXXXXX, and then run another sample for SP ID XXXXXX." Run any one level of 5C Cell control and evaluate the results. Respond to the two questions, "Did you run a control run?" and "Were all control values within established range?" Save the responses to the check box questions.

As soon as the OK button is selected, the averages display in the Results section of the window.

Evaluate the results displayed in the Results section of the window.

Evaluate each parameter for error, overlimit, and precision checkmarks, and "H" or "L" action limit and reference range flags. Use the scroll bar to view all results. When there are checkmarks in any of the Precision columns, meaning that the precision limit was exceeded, rerun the blood sample a third time. If there is insufficient blood to run the CBC a third time, save the result to the database.

Run the specimen a third time when any precision limit is exceeded. Whenever a sample is run more than once, all results in the SP Data section are displayed. The initial averaged results for parameters that do not exceed precision limits are fixed and are not recalculated. Override the current averaged results for parameters that exceeded the precision limit with a new average.

Whenever a sample has previously been averaged, and a new average is calculated, a Warning message text box displays stating, "Averages for SP ID XXXXXX have already been calculated (but not saved) for session ID XXXXXX." The text box instructs, "Please click YES to override these results with a new average." .

Evaluate the new results.

The first three runs are recalculated to find the closest two results for parameters where the difference between any two results exceeded its precision limits. If all parameters now meet precision limits (there are no checkmarks in the Precision column), save the results to the database.

If necessary, run the specimen a fourth time and evaluate.

If precision limits are still not met for any parameter, run the blood tube a fourth time. Re-average, evaluate, and save the results. If after four runs precision limits are still not met for any parameter, a comment is automatically attached to the results. Do not run a specimen more than four times.

5. Attaching comments to the results.

Enter a comment for any run where results were repeated and confirmed, the equipment failed, or there was a laboratory error. Save the result after attaching a comment.

6. Using alternative data manipulation choices.

Retain data for multiple SPs in the SP Data section of the window.

In general, run one SP in duplicate through the Coulter, retrieve the data, average the result, and save the data to the database. The Hematology module will display data for multiple SPs in the SP Data section. Each individual SP's results or pairs of results are displayed in a different color. Average the results for one SP at a time.

Evaluate each parameter for error, overlimit, and precision checkmarks, and "H" or "L" action limit and reference range flags. If there are no checkmarks in the Precision column (no precision limit was exceeded), save the result to the database. If there are any Precision checkmarks, run a 5C Cell control, evaluate the control results, rerun the blood tube a third time, re-average, evaluate, and save the results.

Use alternative data manipulation choices as desired.

Release the mouse button to clear all downloads. All data in the SP Data section is erased but any averaged result remains in the Results section of the window. To clear the result section, close the Hematology module.

Use the data manipulation functions to erase or delete one SP's data in the SP Data section.

Use the "View Log for ID# XXXXXX" choice to view all Coulter data, averages, and precision limit values for any SP. Review the SP's log. The SP's log contains detailed information for each parameter and each run.

7. Re-averaging results.

Re-average a result that has or has not previously been saved to the database.

If a SP has not exited the MEC and the Report of Findings has not been printed, it is possible to retransmit and re-average the results for a SP and overwrite (save) the results in the database. A warning message text box displays when an attempt is made to save the data on a SP who has not exited the MEC or for whom a Report of Findings has not been printed. This text states, "Averages for SP ID XXXXXX have already been calculated (but not saved) for session XXXXX. Please click Yes to override these results with a new average."

If the SP has exited the MEC or the Report of Findings has been printed, it is impossible to overwrite (save) the results in the database.

A warning message text box displays when an attempt is made to save the data on a SP either who has exited the MEC or for whom a Report of Findings has been printed. This text states, "Results from the Coulter HMX for SPID XXXXXX already exist for an SP who has already checked out of the MEC. The

system will now clear the download for SP ID XXXXXX." The downloaded data, including the results, are automatically erased.

C. HMX parameter codes

1. Review the message

The Coulter HMX uses triplicate counting with strict voting criteria. It has proprietary flagging algorithms to confirm parameter results before reporting. The instrument may not detect a transient or partial aperture blockage by any of these processes. A partial aperture blockage may cause erroneous results, such as WBC count lower than what is present. Monitor the aperture-viewing screen when cycling specimens that are likely to contain fibrin or debris.

2. The HMX displays abnormal parameter results for all cell populations and values.

Review the result for the affected parameter. Rerun the specimen if any of the parameter flags occurs.

D. HMX suspect messages

1. Suspect messages flag an abnormal cell distribution or population. The system generates these messages according to an internal algorithm. Specific suspect messages indicate some abnormalities that exhibit characteristic cluster patterns. Suspect messages indicate the possibility of a particular abnormality. Not every atypical scatterplot has a corresponding suspect message.

2. Remedial action – Rerun the specimen.

E. Physician review

1. The MEC physician reviews and interprets all CBC results. Results outside action limits flash and transmit to the physician immediately. The physician determines if referral for the SP for treatment is necessary.
2. The medical technologist sends an observation to the physician whenever a critical or action limit is detected for any CBC parameter. This observation includes the date, time, responsible laboratory individual, person notified, and test results.

Send an observation on any SP scheduled into the MEC session. Access the observation function.

Select or highlight the correct SP. Verify that the SP ID, name, and age are correct. Use the scroll bar to view the complete list of SPs.

The observation window displays. Enter the observation on a survey participant. Document the date, time, responsible laboratory individual, person notified, and test results, including the parameter.

XII. Limitations of Method: Specimen Rejection, Interfering Substances and Conditions

This method limits samples to human whole blood.

A. Specimen rejection

1. Reject clotted specimens and recollect.

B. Interfering Substances and Conditions

Because the Coulter directly measures RBC, WBC, Hgb, and Diff %, it is most important to concentrate on analytes and substances that interfere with these parameters. The Coulter calculates HCT, MCH, MCHC, and DIFF # parameters. The Coulter derives MCV, RDW, PLT, and MPV from RBC or platelet histograms. The following are possible interfering substances or conditions:

Abnormal BUN, glucose, or sodium levels could affect the MCV.

Abnormal WBCs could affect lymphocytes, monocytes, and granulocytes.

Abnormally small WBCs could affect white count, lymphocytes, monocytes, and granulocytes.

Clumped platelets could affect white count, lymphocytes, monocytes, granulocytes, RBC, MCV, RDW, platelet count, and MPV.

Cryofibrinogen and cryoglobulin crystals could affect white count, lymphocytes, monocytes, granulocytes, RBC, hemoglobin, platelet count, and MPV.

An elevated WBC count could affect RBC, hemoglobin, MCV, RDW, platelet count, and MPV parameters.

Fragile WBCs could affect white count, lymphocytes, monocytes, granulocytes, platelet count, and MPV.

Giant platelets could affect white count, lymphocytes, monocytes, granulocytes, RBC, MCV, RDW, platelet count, and MPV.

Hemolyzed specimens could affect RBC, hemoglobin, platelet count, and MPV.

Lipemic specimens could affect MCV.

Severely icteric plasma causes increased hemoglobin. Evaluate CBC result carefully and report all parameters except the hemoglobin result.

Nucleated RBCs could affect the white count, lymphocytes, monocytes, granulocytes, and hemoglobin values.

WBC - Certain unusual RBC abnormalities that resist lysing, nucleated RBCs, fragmented WBCs, agglutinated WBCs, any unlysed particles greater than 35 fL, very large or aggregated platelets as when anticoagulated with oxalate or heparin, specimens containing fibrin, cell fragments, or other debris such as pediatric and oncology specimens.

RBC - Very high WBC count, high concentration of very large platelets, agglutinated RBCs, RBCs smaller than 36 fL, specimens containing fibrin, cell fragments, or other debris such as pediatric and oncology specimens.

Hgb - Very high WBC count, severe lipemia, heparin, certain unusual RBC abnormalities that resist lysing, or anything that increases the turbidity of the sample such as elevated levels of triglycerides.

MCV - Very high WBC count, high concentration of very large platelets, agglutinated RBCs, RBC fragments that fall below the 36-fL threshold, or rigid RBCs.

RDW - Very high WBC count, high concentration of very large or clumped platelets as in blood anticoagulated with oxalate or heparin, RBCs below the 36-fL threshold, two distinct populations of RBCs, RBC agglutinates, or rigid RBCs.

Plt - Very small red blood cells near the upper threshold, cell fragments, clumped platelets as with oxalate or heparin, platelet fragments, or cellular debris near the lower platelet threshold.

MPV - Known factors that interfere with the Plt count and shape of the histogram or known effects of EDTA.

Hct - Known factors that interfere with the parameters used for computation: RBC and MCV.

MCH - Known factors that interfere with the parameters used for computation: Hgb and RBC.

MCHC - Known factors that interfere with the parameters used for computation: Hgb, RBC and MCV.

Diff Parameters - Known factors that affect the WBC count as listed above or high triglycerides that affect lysing.

Complete Blood Count using HMX
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XIII. Reference Ranges

1. Males

Age in years	5-Jan		18-Jun		19-65		66+	
	2.5	97.5	2.5	97.5	2.5	97.5	2.5	97.5
White blood cell count (SI)	4.3	14.6	3.6	11.5	3.9	11.8	3.8	12.1
Red cell count (SI)	3.98	5.3	4.14	5.78	4.18	5.86	3.57	5.67
Hemoglobin (g/dL)	10.7	14.2	11.9	16.9	13.1	17.5	11.4	17.1
Hematocrit (%)	32.1	41.7	35.3	49.9	38.7	51.4	33.9	50.9
Mean cell volume (fL)	68.2	88.8	75.6	94.6	79.8	99.1	81.4	102.7
Mean cell hemoglobin (pg)	22.3	30.6	25	32.3	26.3	34	26.3	35
MCHC (g/dL)	32.3	35.6	32.3	35.3	32.3	35.3	32.1	35.1
Red cell distribution width (%)	11.4	15.8	11.4	14	11.4	14.5	11.8	16.2
Platelet count (%) SI	212	546	179	439	152	386	124	384
Mean platelet volume (fL)	6.1	8.9	6.6	10	6.8	10.1	6.6	10.2
Lymphocyte percent (%)	22.8	68.4	17.5	54.3	16.1	47.9	12.3	46.4
Monocyte percent (%)	4.6	15.2	4.8	13.7	4.4	13.5	4.6	14
Segmented neutrophils percent (%)	17.6	67.1	30.3	72.8	37.8	74.6	39.5	78.1
Eosinophils percent (%)	0.7	11.3	0.7	11.5	0.7	8.5	0.6	8.8
Basophils percent (%)	0.1	2.5	0.1	1.6	0.1	1.6	0.1	1.6

2. Females

Age in years	5-Jan		18-Jun		19-65		66+	
	2.5	97.5	2.5	97.5	2.5	97.5	2.5	97.5
White blood cell count (SI)	4.3	14	3.9	12.2	4.1	12.9	4	11.6
Red cell count (SI)	3.96	5.28	3.84	5.24	3.64	5.2	3.51	5.34
Hemoglobin (g/dL)	11	14.2	11.2	15.1	10.6	15.6	10.9	15.9
Hematocrit (%)	32.5	41.9	33.5	44.6	32	45.9	32.8	47
Mean cell volume (fL)	70.2	89.1	74.7	94.9	74.6	98.2	80.3	100.6
Mean cell hemoglobin (pg)	23.3	30.8	24.5	32.6	24.3	33.8	26.4	34.5
MCHC (g/dL)	32.4	35.5	32.3	35.3	32.1	35.3	32.3	35.1
Red cell distribution width (%)	11.3	15.4	11.3	14.8	11.4	16.3	11.6	16.3
Platelet count (%) SI	215	547	190	446	168	441	155	428
Mean platelet volume (fL)	6.1	8.9	6.6	10	6.8	10.2	6.7	10.5
Lymphocyte percent (%)	21.6	68.8	17.2	54.7	14.1	47.6	13.7	46.9
Monocyte percent (%)	4.2	14.4	4.3	12.7	3.8	11.6	4.4	12.8
Segmented neutrophils percent (%)	19.4	69.5	31.9	74.3	39.8	78.1	40.9	78.1
Eosinophils percent (%)	0.6	9.9	0.6	9.9	0.6	7.3	0.6	7.5
Basophils percent (%)	0.1	2.5	0.1	1.6	0.1	1.7	0.1	1.7

3. Reference ranges for normal values were calculated from the NHANES data set (1999-2004) using 95% reference interval(s) determined nonparametrically, through ranking the observations and determining the lower (2.5th percentile) and the upper (97.5th percentile) reference limits. The nonparametric (ranking) method was used because most measured hematology parameters have a skewed, non-Gaussian distribution.

XIV. Action Limits

Action limits are a guide to inform the physician that a CBC result(s) is/are abnormal. Since all specimens are run in duplicate, there is no reason to retest the sample.

WBC male and female (all ages) < or = to $3 \times 10^3 \mu\text{L}$ or > or = to $16.0 \times 10^3 \mu\text{L}$
Hgb male and female (<6 years) <6.5 g/dL or >14.5 g/dL
Hgb female (>6 years) <6.5 g/dL or >16.0 g/dL

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Hgb male (>6 years) <6.5 g/dL or >18.0 g/dL
PLT male and female (all ages) <50 x 10³ μ L or >800 x 10³ μ L

Possible causes of abnormal parameters:

High RBC, Hgb, or HCT -- dehydration, polycythemia, shock, chronic hypoxia

Low RBC, Hgb or HCT -- anemia, thalassemia and other hemoglobinopathies

Low MCV -- microcytic anemia

High MCV -- macrocytic anemia, liver disease

Low WBC -- sepsis, marrow hypoplasia

High WBC -- acute stress, infection, malignancies

Low platelets -- risk of bleeding

High platelets -- risk of thrombosis

XV. Specimen Storage and Handling during Testing

A. Specimen storage

1. Store specimens capped and place on a rocker at room temperature until processed.
2. Run within 24 hours of drawing.

XVI. Alternative Method for Performing Test or Storing Specimens if Test System Fails

There is no alternative method for this test. Store EDTA tube at room temperature for no more than 24 hours. Restore the instrument to functionality and then run the specimen.

XVII. Test Results Reporting System: Protocol for Reporting Action Limits

Results outside the action limits are automatically brought to the physician's attention for a decision as to "course-to-follow."

All records, including QA/QC data will be maintained for 6 years. Use only numerical identifiers for SP results.

XVIII. Quality Control Summary Statistics and Graphs

Chapter 14 includes a separate detailed description of the comprehensive quality control plan. Monitor 5C® Cell control results for bias and maintain results for the entire study period. Compare all three instruments using the CAP proficiency results.

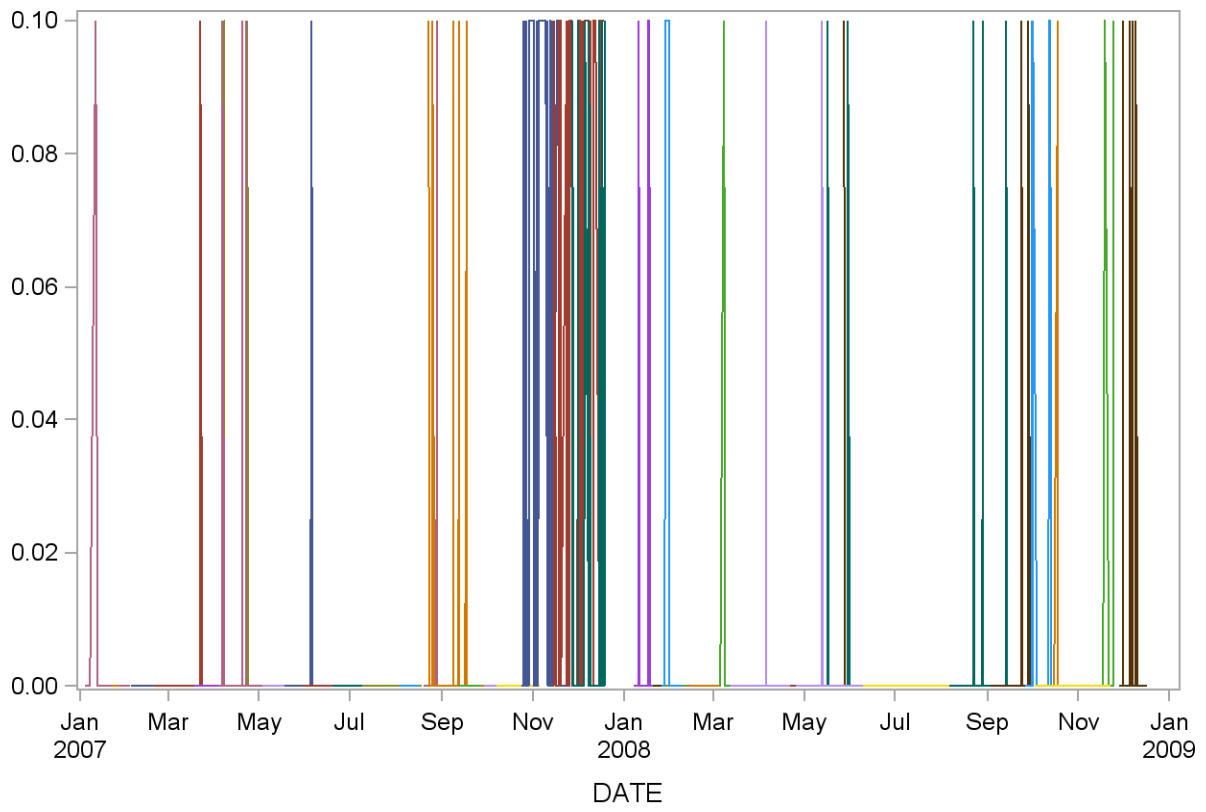
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**Basophils No.(10³ cells/uL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	0.0018	0.0134	748.3
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	0.0000	0.0000	.
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	0.0000	0.0000	.
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	0.0000	0.0000	.
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	0.0018	0.0132	755.0
873100_07	52	18MAR07:11:28:00	04APR07:15:54:00	0.0000	0.0000	.
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	0.0051	0.0222	435.8
873500_07	28	07APR07:08:47:00	27APR07:13:46:00	0.0107	0.0315	294.0
874000_07	32	03MAY07:10:41:00	27MAY07:08:42:00	0.0000	0.0000	.
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	0.0018	0.0135	741.6
874500_07	34	29MAY07:17:51:00	19JUN07:08:52:00	0.0000	0.0000	.
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	0.0000	0.0000	.
875200_07	76	09JUL07:10:50:00	18AUG07:13:17:00	0.0000	0.0000	.
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	0.0000	0.0000	.
875600_07	19	03AUG07:08:50:00	16AUG07:13:54:00	0.0000	0.0000	.
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	0.0053	0.0229	435.9
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	0.0068	0.0254	371.3
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	0.0000	0.0000	.
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	0.0000	0.0000	.
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	0.0000	0.0000	.
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	0.0407	0.0496	121.7
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	0.0490	0.0505	103.1
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	0.0200	0.0406	202.9
878400_08	24	07JAN08:08:38:00	20JAN08:13:23:00	0.0125	0.0338	270.3
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	0.0000	0.0000	.
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	0.0000	0.0000	.
878900_08	24	26JAN08:12:12:00	09FEB08:14:28:00	0.0083	0.0282	338.8
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	0.0000	0.0000	.
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	0.0000	0.0000	.
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	0.0048	0.0218	458.3
879900_08	85	12MAR08:11:26:00	21APR08:08:45:00	0.0012	0.0108	922.0
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	0.0000	0.0000	.
870400_08	27	21APR08:09:06:00	08MAY08:13:46:00	0.0000	0.0000	.
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	0.0010	0.0101	989.9
870800_08	97	25APR08:15:29:00	07JUN08:09:04:00	0.0031	0.0174	562.7
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	0.0028	0.0167	600.0
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	0.0000	0.0000	.
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	0.0000	0.0000	.
872000_08	23	21JUN08:09:11:00	30JUN08:13:37:00	0.0000	0.0000	.
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	0.0000	0.0000	.
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	0.0037	0.0189	516.3
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	0.0041	0.0200	489.8
873500_08	67	26SEP08:13:26:00	27OCT08:11:22:00	0.0075	0.0265	354.8
874100_08	49	02OCT08:14:32:00	22NOV08:13:56:00	0.0000	0.0000	.
873800_08	34	13OCT08:11:21:00	25OCT08:09:43:00	0.0029	0.0171	583.1
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	0.0086	0.0284	331.4
874600_08	68	28NOV08:09:51:00	17DEC08:08:36:00	0.0059	0.0237	403.0

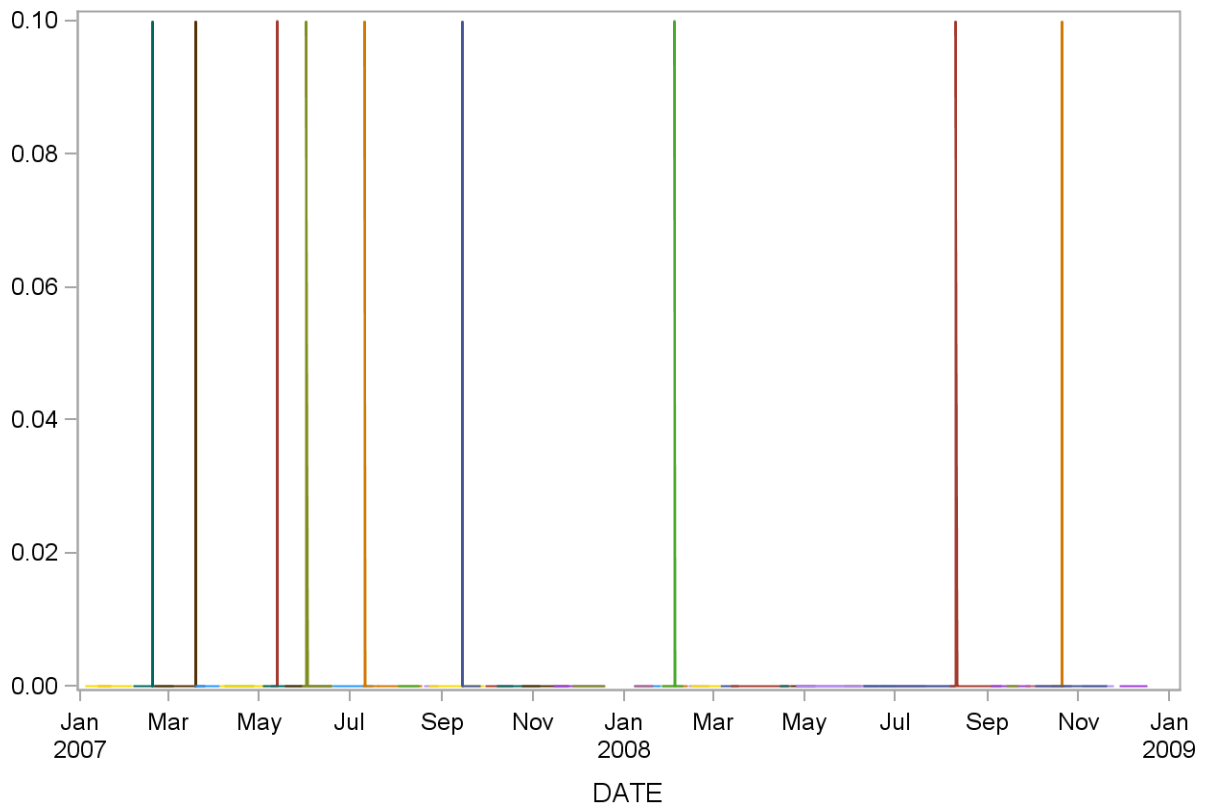
Basophils No.(10³ cells/uL) (Abn I)
2007-2008 Quality Control



**Basophils No.(10³ cells/uL) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	0.0000	0.0000	.
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	0.0000	0.0000	.
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	0.0017	0.0131	761.6
863600_07	59	19FEB07:14:31:00	25MAR07:17:21:00	0.0017	0.0130	768.1
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	0.0000	0.0000	.
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	0.0000	0.0000	.
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	0.0000	0.0000	.
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	0.0000	0.0000	.
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	0.0200	0.0422	210.8
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	0.0000	0.0000	.
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	0.0031	0.0177	565.7
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	0.0000	0.0000	.
866200_07	79	09JUL07:12:01:00	18AUG07:13:18:00	0.0013	0.0113	888.8
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	0.0000	0.0000	.
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	0.0000	0.0000	.
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	0.0000	0.0000	.
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	0.0000	0.0000	.
867300_07	30	14SEP07:10:11:00	26SEP07:09:51:00	0.0033	0.0183	547.7
867400_07	33	29SEP07:13:29:00	18OCT07:13:52:00	0.0000	0.0000	.
867700_07	42	07OCT07:15:12:00	05NOV07:09:16:00	0.0000	0.0000	.
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	0.0000	0.0000	.
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	0.0000	0.0000	.
868500_07	40	27NOV07:13:36:00	19DEC07:13:28:00	0.0000	0.0000	.
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	0.0000	0.0000	.
868900_08	35	07JAN08:13:27:00	25JAN08:13:19:00	0.0000	0.0000	.
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	0.0000	0.0000	.
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	0.0077	0.0272	353.3
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	0.0000	0.0000	.
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	0.0000	0.0000	.
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	0.0000	0.0000	.
860600_08	89	12MAR08:11:21:00	21APR08:08:43:00	0.0000	0.0000	.
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	0.0000	0.0000	.
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	0.0000	0.0000	.
861400_08	95	25APR08:15:30:00	07JUN08:09:20:00	0.0000	0.0000	.
862900_08	88	25APR08:15:30:00	10AUG08:13:59:00	0.0000	0.0000	.
861700_08	33	27MAY08:18:16:00	18JUN08:08:40:00	0.0000	0.0000	.
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	0.0000	0.0000	.
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	0.0000	0.0000	.
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	0.0000	0.0000	.
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	0.0000	0.0000	.
863400_08	76	06AUG08:11:18:00	10SEP08:13:37:00	0.0013	0.0115	871.8
863600_08	53	03SEP08:11:15:00	29SEP08:08:38:00	0.0000	0.0000	.
863900_08	10	13SEP08:09:49:00	21SEP08:13:54:00	0.0000	0.0000	.
864100_08	63	26SEP08:13:29:00	27OCT08:13:48:00	0.0000	0.0000	.
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	0.0000	0.0000	.
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	0.0038	0.0196	509.9
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	0.0000	0.0000	.
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	0.0000	0.0000	.

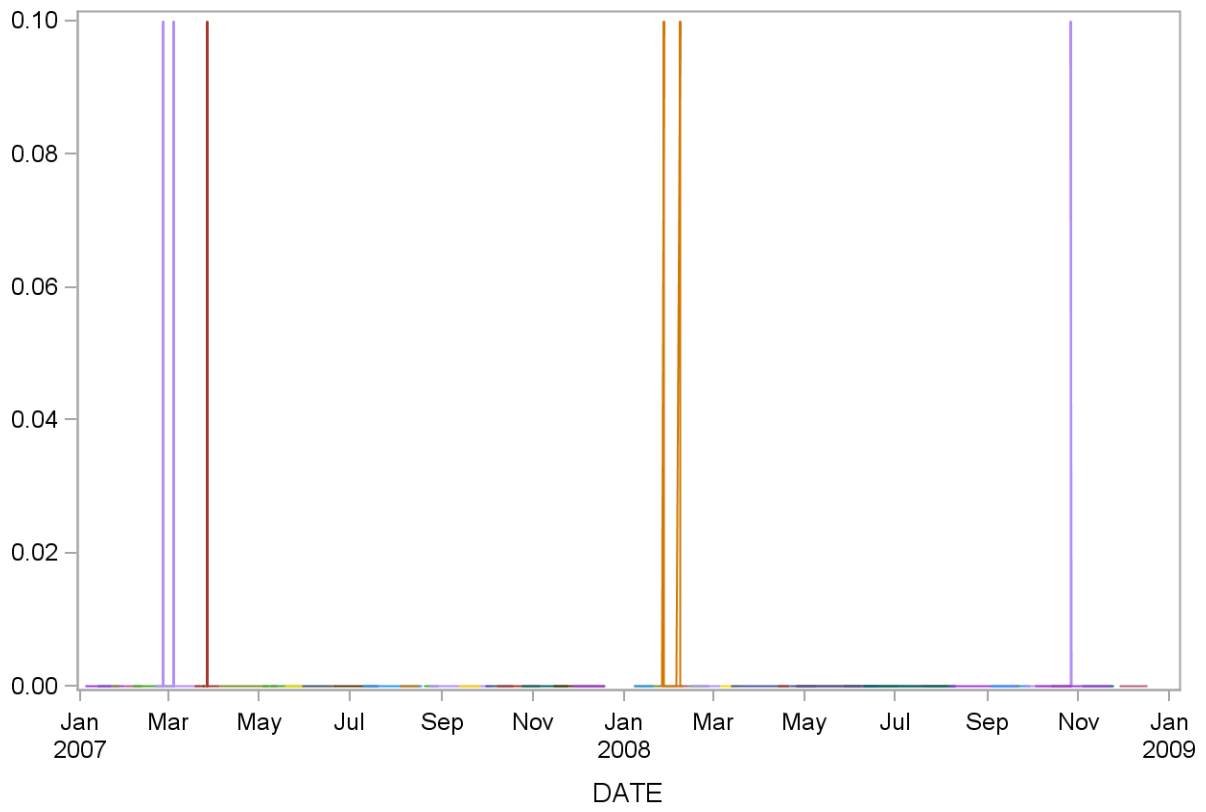
Basophils No.(10³ cells/uL) (Abn II)
2007-2008 Quality Control



**Basophils No.(10³ cells/uL) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	0.0000	0.0000	.
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	0.0000	0.0000	.
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	0.0000	0.0000	.
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	0.0000	0.0000	.
881400_07	44	05FEB07:17:25:00	04MAR07:13:38:00	0.0000	0.0000	.
881500_07	50	19FEB07:14:27:00	22MAR07:17:30:00	0.0040	0.0198	494.9
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	0.0020	0.0141	707.1
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	0.0000	0.0000	.
882700_07	84	04APR07:14:12:00	07MAY07:08:36:00	0.0000	0.0000	.
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	0.0000	0.0000	.
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	0.0000	0.0000	.
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	0.0000	0.0000	.
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	0.0000	0.0000	.
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	0.0000	0.0000	.
884600_07	80	09JUL07:10:49:00	18AUG07:13:16:00	0.0000	0.0000	.
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	0.0000	0.0000	.
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	0.0000	0.0000	.
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	0.0000	0.0000	.
885400_07	72	22AUG07:11:56:00	04OCT07:08:31:00	0.0000	0.0000	.
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	0.0000	0.0000	.
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	0.0000	0.0000	.
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	0.0000	0.0000	.
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	0.0000	0.0000	.
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	0.0000	0.0000	.
887300_07	35	27NOV07:13:37:00	19DEC07:13:27:00	0.0000	0.0000	.
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	0.0000	0.0000	.
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	0.0000	0.0000	.
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	0.0000	0.0000	.
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	0.0080	0.0277	346.1
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	0.0000	0.0000	.
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	0.0000	0.0000	.
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	0.0000	0.0000	.
889400_08	84	12MAR08:11:28:00	21APR08:08:41:00	0.0000	0.0000	.
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	0.0000	0.0000	.
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	0.0000	0.0000	.
880200_08	91	25APR08:15:45:00	07JUN08:08:52:00	0.0000	0.0000	.
881900_08	98	25APR08:15:45:00	10AUG08:13:54:00	0.0000	0.0000	.
880600_08	38	27MAY08:18:14:00	18JUN08:14:04:00	0.0000	0.0000	.
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	0.0000	0.0000	.
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	0.0000	0.0000	.
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	0.0000	0.0000	.
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	0.0000	0.0000	.
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	0.0000	0.0000	.
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	0.0000	0.0000	.
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	0.0016	0.0126	793.7
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	0.0000	0.0000	.
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	0.0000	0.0000	.
883900_08	38	03NOV08:11:45:00	24NOV08:09:25:00	0.0000	0.0000	.
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	0.0000	0.0000	.

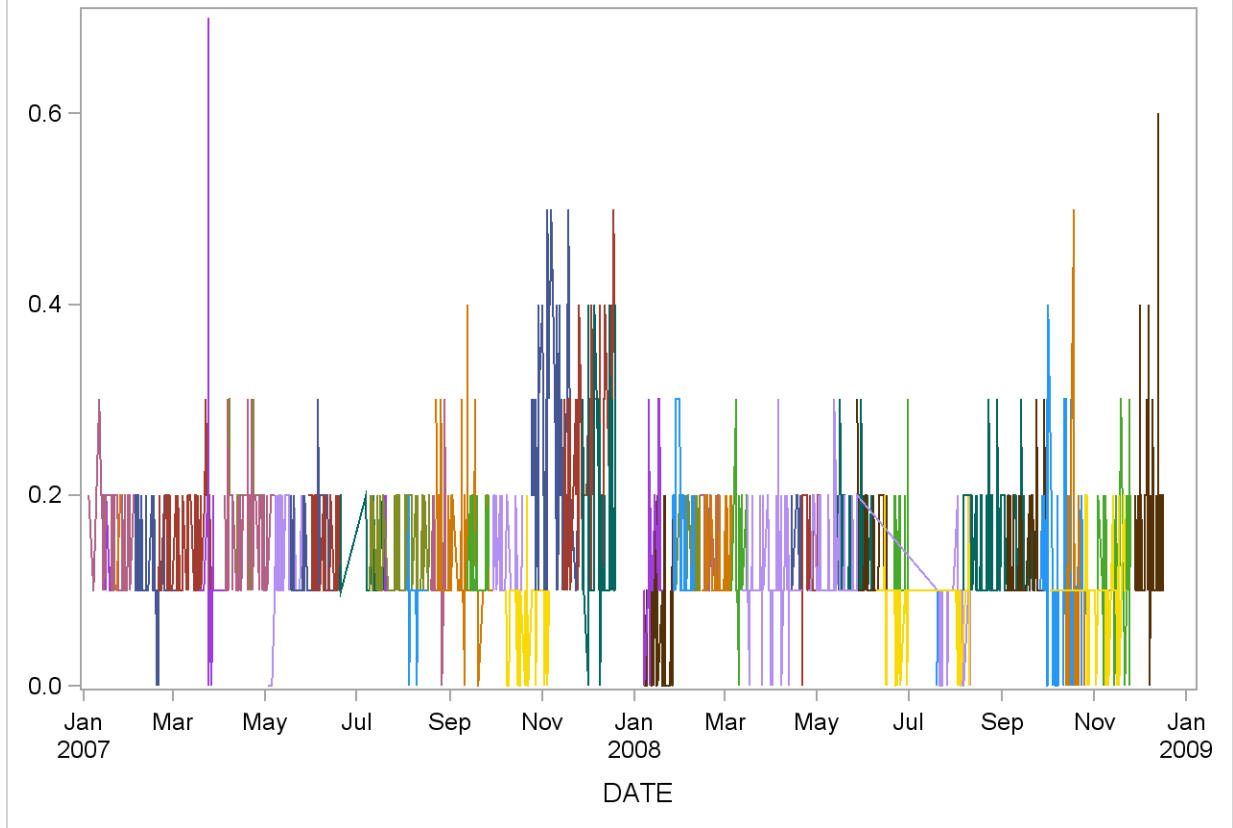
**Basophils No.(10³ cells/uL) (Normal)
2007-2008 Quality Control**



**Basophils (%) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	0.1714	0.0494	28.8
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	0.1800	0.0410	22.8
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	0.1714	0.0488	28.5
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	0.1186	0.0473	39.8
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	0.1474	0.0538	36.5
873100_07	52	18MAR07:11:28:00	04APR07:15:54:00	0.1096	0.0891	81.3
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	0.1678	0.0571	34.0
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	0.1897	0.0557	29.4
874000_07	32	03MAY07:10:41:00	27MAY07:08:42:00	0.1250	0.0672	53.8
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	0.1218	0.0459	37.7
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	0.1343	0.0482	35.9
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	0.1300	0.0470	36.2
875200_07	77	09JUL07:10:50:00	18AUG07:13:17:00	0.1390	0.0491	35.3
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	0.1500	0.0577	38.5
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	0.0950	0.0394	41.5
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	0.1211	0.0631	52.1
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	0.1342	0.0711	53.0
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	0.1250	0.0440	35.2
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	0.1294	0.0462	35.7
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	0.0755	0.0480	63.6
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	0.2444	0.1160	47.5
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	0.2469	0.1043	42.2
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	0.1657	0.1110	67.0
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	0.1280	0.0792	61.8
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	0.0512	0.0746	145.6
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	0.1313	0.0471	35.9
878900_08	25	26JAN08:12:12:00	09FEB08:14:28:00	0.1480	0.0653	44.1
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	0.1474	0.0513	34.8
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	0.1257	0.0443	35.3
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	0.1286	0.0644	50.1
879900_08	86	12MAR08:11:26:00	21APR08:08:45:00	0.1093	0.0500	45.8
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	0.1500	0.0527	35.1
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	0.1286	0.0535	41.6
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	0.1051	0.0563	53.6
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	0.1327	0.0533	40.2
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	0.1333	0.0535	40.1
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	0.0875	0.0393	44.9
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	0.0888	0.0421	47.4
872000_08	23	21JUN08:09:11:00	30JUN08:13:37:00	0.1348	0.0573	42.5
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	0.0909	0.0302	33.2
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	0.1476	0.0571	38.7
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	0.1347	0.0561	41.6
873500_08	68	26SEP08:13:26:00	27OCT08:11:22:00	0.0985	0.0889	90.3
874100_08	50	02OCT08:14:32:00	22NOV08:13:56:00	0.0980	0.0553	56.4
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	0.1029	0.0923	89.7
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	0.1229	0.0843	68.6
874600_08	69	28NOV08:09:51:00	17DEC08:08:36:00	0.1522	0.0901	59.2

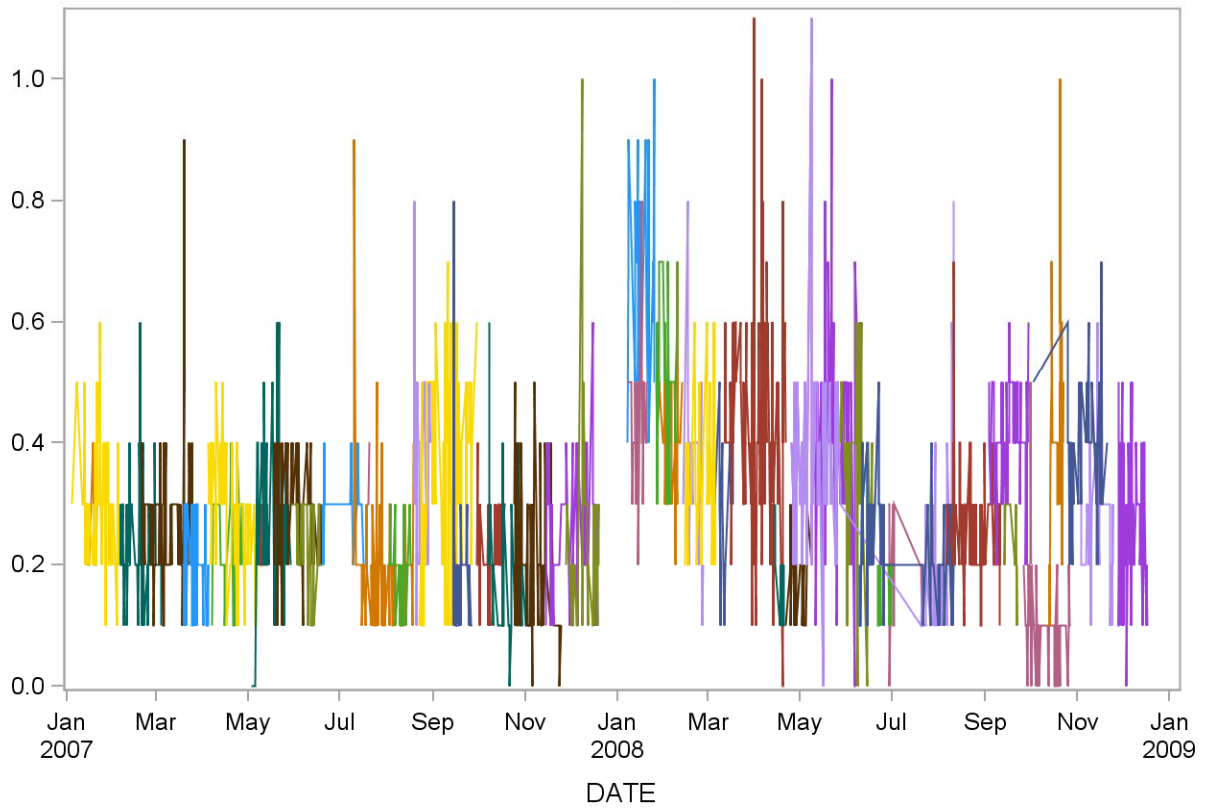
**Basophils (%) (Abn I)
2007-2008 Quality Control**



**Basophils (%) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	0.3035	0.0999	32.9
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	0.2882	0.0697	24.2
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	0.2397	0.0954	39.8
863600_07	59	19FEB07:14:31:00	25MAR07:17:21:00	0.2678	0.1210	45.2
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	0.2038	0.0766	37.6
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	0.2870	0.1010	35.2
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	0.2172	0.0848	39.0
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	0.2689	0.1474	54.8
864900_07	8	08MAY07:12:43:00	13MAY07:08:57:00	0.2250	0.0463	20.6
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	0.2846	0.0849	29.8
865500_07	31	29MAY07:17:53:00	19JUN07:08:53:00	0.2258	0.0729	32.3
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	0.3000	0.0612	20.4
866200_07	79	09JUL07:12:01:00	18AUG07:13:18:00	0.1987	0.1115	56.1
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	0.3500	0.0577	16.5
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	0.1952	0.0669	34.3
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	0.3947	0.1580	40.0
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	0.3708	0.1467	39.6
867300_07	30	14SEP07:10:11:00	26SEP07:09:51:00	0.2067	0.1507	72.9
867400_07	33	29SEP07:13:29:00	18OCT07:13:52:00	0.2273	0.0674	29.7
867700_07	43	07OCT07:15:12:00	05NOV07:09:16:00	0.1674	0.1128	67.4
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	0.2018	0.1194	59.2
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	0.2620	0.1067	40.7
868500_07	39	27NOV07:13:36:00	19DEC07:13:28:00	0.2282	0.1605	70.3
869200_08	23	07JAN08:08:35:00	20JAN08:13:22:00	0.4304	0.1146	26.6
868900_08	35	07JAN08:13:27:00	25JAN08:13:19:00	0.6657	0.1608	24.2
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	0.4212	0.0960	22.8
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	0.5231	0.1306	25.0
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	0.3684	0.1529	41.5
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	0.3405	0.1235	36.3
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	0.3100	0.1210	39.0
860600_08	89	12MAR08:11:21:00	21APR08:08:43:00	0.4483	0.1931	43.1
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	0.1667	0.0707	42.4
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	0.1833	0.0637	34.7
862900_08	88	25APR08:15:30:00	10AUG08:13:59:00	0.3170	0.1683	53.1
861400_08	96	25APR08:15:30:00	07JUN08:09:20:00	0.3844	0.1743	45.3
861700_08	34	27MAY08:18:16:00	18JUN08:08:40:00	0.3324	0.1590	47.8
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	0.2270	0.0884	38.9
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	0.2452	0.0961	39.2
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	0.1667	0.0488	29.3
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	0.1857	0.0949	51.1
863400_08	76	06AUG08:11:18:00	10SEP08:13:37:00	0.2618	0.0938	35.8
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	0.4056	0.0920	22.7
863900_08	10	13SEP08:09:49:00	21SEP08:13:54:00	0.2400	0.0699	29.1
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	0.1063	0.0794	74.8
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	0.4000	0.1095	27.4
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	0.4077	0.1998	49.0
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	0.2694	0.1037	38.5
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	0.2789	0.1176	42.2

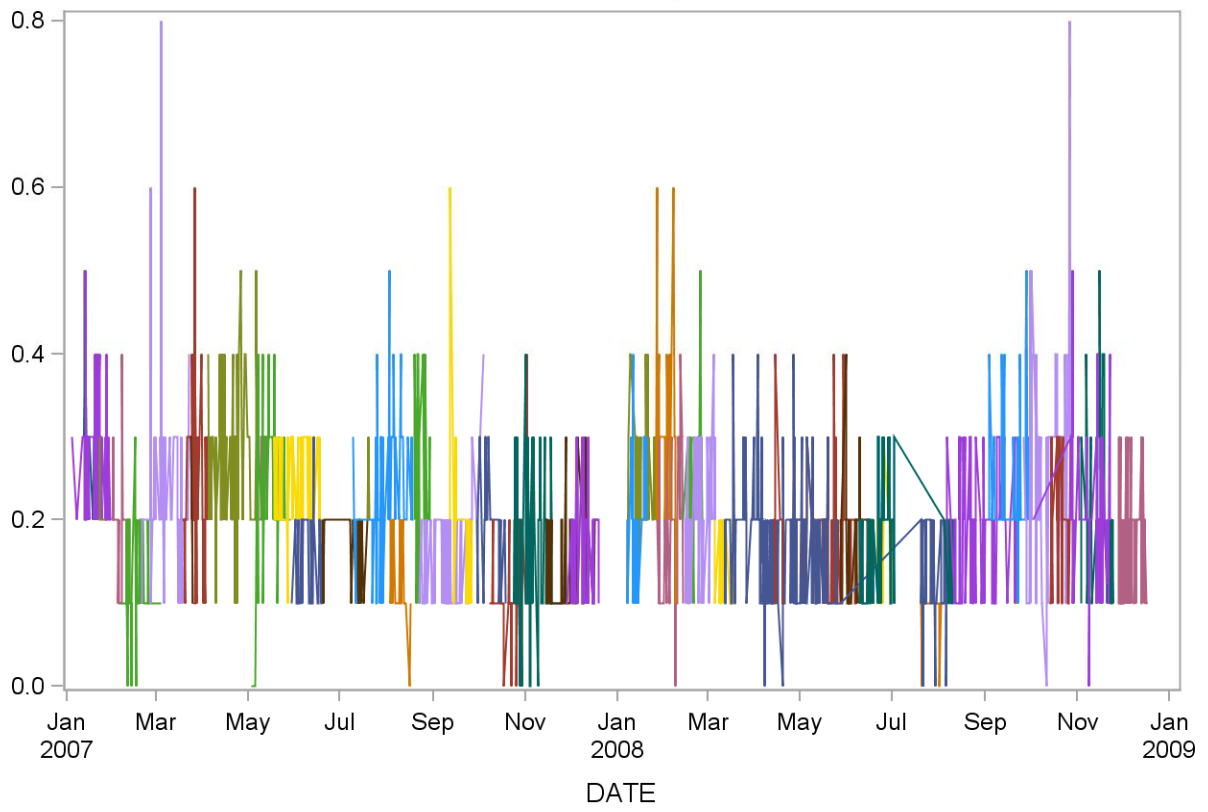
Basophils (%) (Abn II)
2007-2008 Quality Control



**Basophils (%) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	0.2691	0.0742	27.6
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	0.3235	0.0664	20.5
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	0.2167	0.0408	18.8
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	0.1720	0.0737	42.9
881400_07	45	05FEB07:17:25:00	04MAR07:13:38:00	0.1222	0.0599	49.0
881500_07	50	19FEB07:14:27:00	22MAR07:17:30:00	0.2340	0.1171	50.1
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	0.2360	0.1005	42.6
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	0.2400	0.0894	37.3
882700_07	84	04APR07:14:12:00	07MAY07:08:36:00	0.2821	0.0824	29.2
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	0.2326	0.0993	42.7
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	0.2429	0.0535	22.0
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	0.2364	0.0557	23.5
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	0.1516	0.0570	37.6
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	0.1684	0.0478	28.4
884600_07	80	09JUL07:10:49:00	18AUG07:13:16:00	0.2300	0.0753	32.7
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	0.2250	0.0500	22.2
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	0.1286	0.0561	43.6
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	0.2529	0.1125	44.5
885400_07	73	22AUG07:11:56:00	04OCT07:08:31:00	0.1466	0.0603	41.1
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	0.2000	0.0938	46.9
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	0.2000	0.0643	32.2
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	0.1109	0.0640	57.8
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	0.1554	0.0913	58.8
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	0.1510	0.0612	40.6
887300_07	35	27NOV07:13:37:00	19DEC07:13:27:00	0.1714	0.0667	38.9
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	0.2048	0.0805	39.3
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	0.2484	0.0851	34.3
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	0.1848	0.0906	49.0
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	0.2960	0.1172	39.6
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	0.2429	0.0811	33.4
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	0.2125	0.0757	35.6
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	0.1400	0.0503	35.9
889400_08	84	12MAR08:11:28:00	21APR08:08:41:00	0.1714	0.0754	44.0
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	0.1833	0.0835	45.5
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	0.1600	0.0764	47.7
881900_08	99	25APR08:15:45:00	10AUG08:13:54:00	0.1485	0.0645	43.4
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	0.1761	0.0669	38.0
880600_08	39	27MAY08:18:14:00	18JUN08:14:04:00	0.1641	0.0668	40.7
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	0.1765	0.0681	38.6
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	0.1854	0.0691	37.3
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	0.1722	0.0575	33.4
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	0.0913	0.0417	45.7
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	0.1899	0.0709	37.3
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	0.2412	0.0779	32.3
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	0.2444	0.1292	52.9
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	0.2170	0.0916	42.2
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	0.1882	0.0808	42.9
883900_08	38	03NOV08:11:45:00	24NOV08:09:25:00	0.2079	0.1124	54.1
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	0.1742	0.0700	40.2

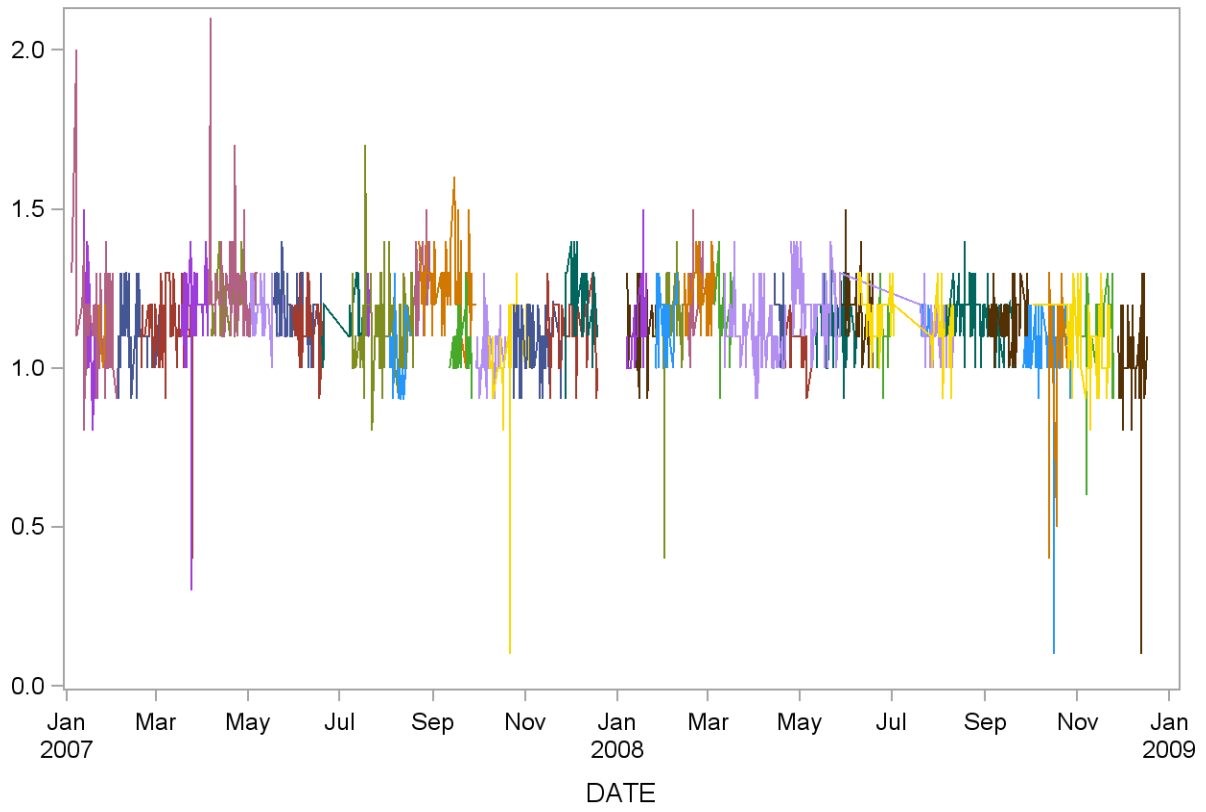
**Basophils (%) (Normal)
2007-2008 Quality Control**



**Eosinophils No.(10³ cells/uL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	1.1429	0.1767	15.5
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	1.1300	0.1838	16.3
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	1.1143	0.0690	6.2
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	1.1254	0.0993	8.8
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	1.1158	0.1320	11.8
873100_07	52	18MAR07:11:28:00	04APR07:15:54:00	1.1885	0.1542	13.0
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	1.2441	0.1611	13.0
873500_07	28	07APR07:08:47:00	27APR07:13:46:00	1.2179	0.0905	7.4
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	1.1853	0.0784	6.6
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	1.1727	0.0912	7.8
874500_07	34	29MAY07:17:51:00	19JUN07:08:52:00	1.1294	0.0970	8.6
874600_07	19	19JUN07:12:37:00	19JUL07:08:45:00	1.1421	0.0902	7.9
875200_07	76	09JUL07:10:50:00	18AUG07:13:17:00	1.1224	0.1362	12.1
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	1.1500	0.1000	8.7
875600_07	19	03AUG07:08:50:00	16AUG07:13:54:00	1.0263	0.1195	11.6
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	1.2737	0.1147	9.0
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	1.2589	0.1025	8.1
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	1.0656	0.0865	8.1
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	1.0471	0.0861	8.2
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	1.0449	0.1659	15.9
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	1.0722	0.0960	9.0
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	1.1204	0.0935	8.3
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	1.2086	0.1173	9.7
878400_08	24	07JAN08:08:38:00	20JAN08:13:23:00	1.1292	0.1122	9.9
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	1.1122	0.0980	8.8
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	1.1719	0.1689	14.4
878900_08	24	26JAN08:12:12:00	09FEB08:14:28:00	1.1542	0.1062	9.2
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	1.2263	0.1195	9.7
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	1.2429	0.0884	7.1
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	1.1810	0.1123	9.5
879900_08	85	12MAR08:11:26:00	21APR08:08:45:00	1.1118	0.0931	8.4
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	1.1800	0.1135	9.6
870400_08	27	21APR08:09:06:00	08MAY08:13:46:00	1.0815	0.0681	6.3
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	1.1592	0.0983	8.5
870800_08	97	25APR08:15:29:00	07JUN08:09:04:00	1.1598	0.1037	8.9
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	1.1861	0.1073	9.0
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	1.1563	0.0840	7.3
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	1.1750	0.0729	6.2
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	1.1227	0.0922	8.2
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	1.1364	0.0674	5.9
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	1.1683	0.0901	7.7
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	1.1469	0.0793	6.9
873500_08	67	26SEP08:13:26:00	27OCT08:11:22:00	1.0597	0.1415	13.4
874100_08	49	02OCT08:14:32:00	22NOV08:13:56:00	1.0776	0.1195	11.1
873800_08	34	13OCT08:11:21:00	25OCT08:09:43:00	1.0941	0.1890	17.3
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	1.1143	0.1332	12.0
874600_08	68	28NOV08:09:51:00	17DEC08:08:36:00	1.0206	0.1492	14.6

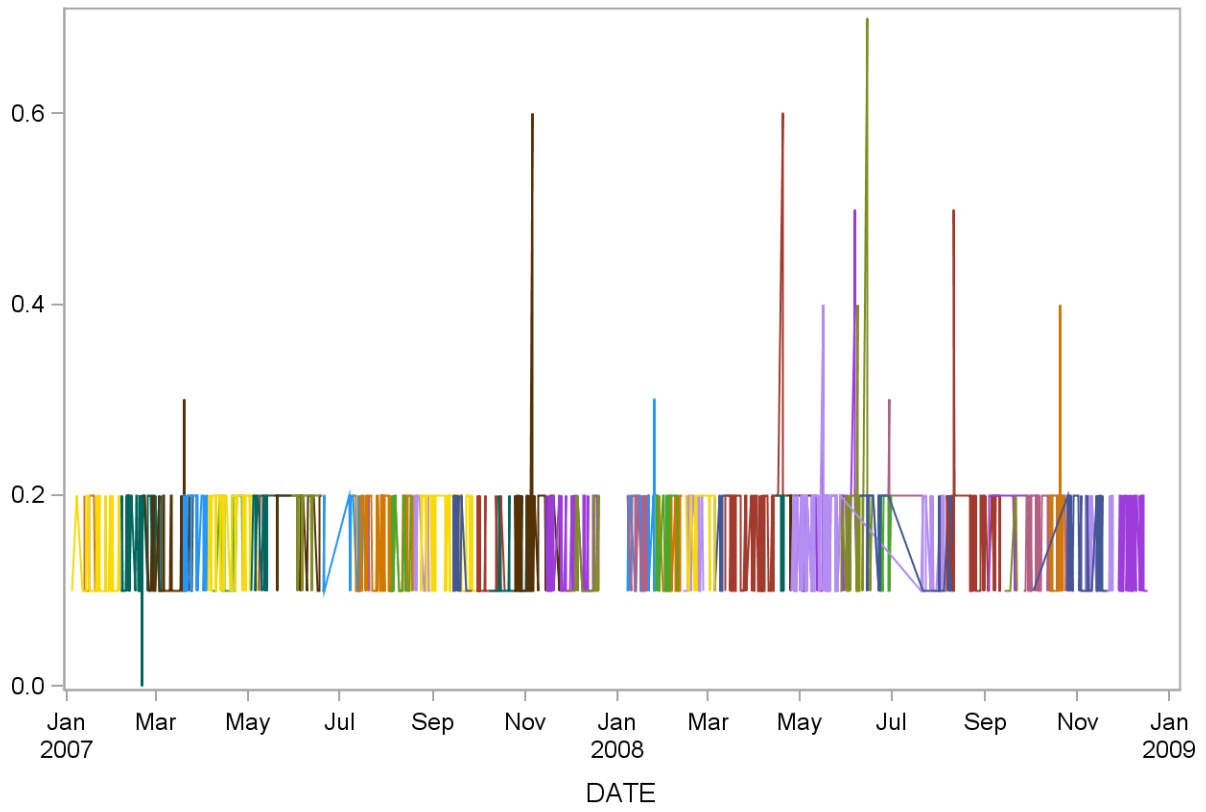
**Eosinophils No.(10³ cells/uL) (Abn I)
2007-2008 Quality Control**



**Eosinophils No.(10³ cells/uL) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	0.1263	0.0444	35.2
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	0.1235	0.0437	35.4
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	0.1431	0.0534	37.3
863600_07	59	19FEB07:14:31:00	25MAR07:17:21:00	0.1373	0.0522	38.0
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	0.1673	0.0474	28.3
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	0.1741	0.0442	25.4
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	0.1483	0.0509	34.3
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	0.1867	0.0344	18.4
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	0.1800	0.0422	23.4
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	0.1904	0.0298	15.6
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	0.1906	0.0296	15.5
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	0.1412	0.0507	35.9
866200_07	79	09JUL07:12:01:00	18AUG07:13:18:00	0.1506	0.0503	33.4
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	0.1250	0.0500	40.0
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	0.1286	0.0463	36.0
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	0.1526	0.0513	33.6
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	0.1694	0.0464	27.4
867300_07	30	14SEP07:10:11:00	26SEP07:09:51:00	0.1267	0.0450	35.5
867400_07	33	29SEP07:13:29:00	18OCT07:13:52:00	0.1152	0.0364	31.6
867700_07	42	07OCT07:15:12:00	05NOV07:09:16:00	0.1119	0.0328	29.3
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	0.1600	0.0784	49.0
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	0.1460	0.0503	34.5
868500_07	40	27NOV07:13:36:00	19DEC07:13:28:00	0.1125	0.0335	29.8
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	0.1500	0.0511	34.1
868900_08	35	07JAN08:13:27:00	25JAN08:13:19:00	0.1657	0.0591	35.7
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	0.1424	0.0502	35.2
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	0.1538	0.0508	33.0
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	0.1579	0.0507	32.1
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	0.1757	0.0435	24.8
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	0.1800	0.0410	22.8
860600_08	89	12MAR08:11:21:00	21APR08:08:43:00	0.1697	0.0817	48.2
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	0.1667	0.0500	30.0
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	0.1792	0.0415	23.2
862900_08	88	25APR08:15:30:00	10AUG08:13:59:00	0.1511	0.0567	37.5
861400_08	96	25APR08:15:30:00	07JUN08:09:20:00	0.1729	0.0672	38.9
861700_08	33	27MAY08:18:16:00	18JUN08:08:40:00	0.1758	0.1146	65.2
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	0.1556	0.0501	32.2
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	0.1903	0.0301	15.8
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	0.1600	0.0507	31.7
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	0.2000	0.0392	19.6
863400_08	76	06AUG08:11:18:00	10SEP08:13:37:00	0.1684	0.0616	36.6
863600_08	53	03SEP08:11:15:00	29SEP08:08:38:00	0.1962	0.0192	9.8
863900_08	10	13SEP08:09:49:00	21SEP08:13:54:00	0.1300	0.0483	37.2
864100_08	63	26SEP08:13:29:00	27OCT08:13:48:00	0.1587	0.0496	31.3
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	0.1417	0.0500	35.3
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	0.1615	0.0697	43.2
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	0.1361	0.0487	35.8
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	0.1368	0.0487	35.6

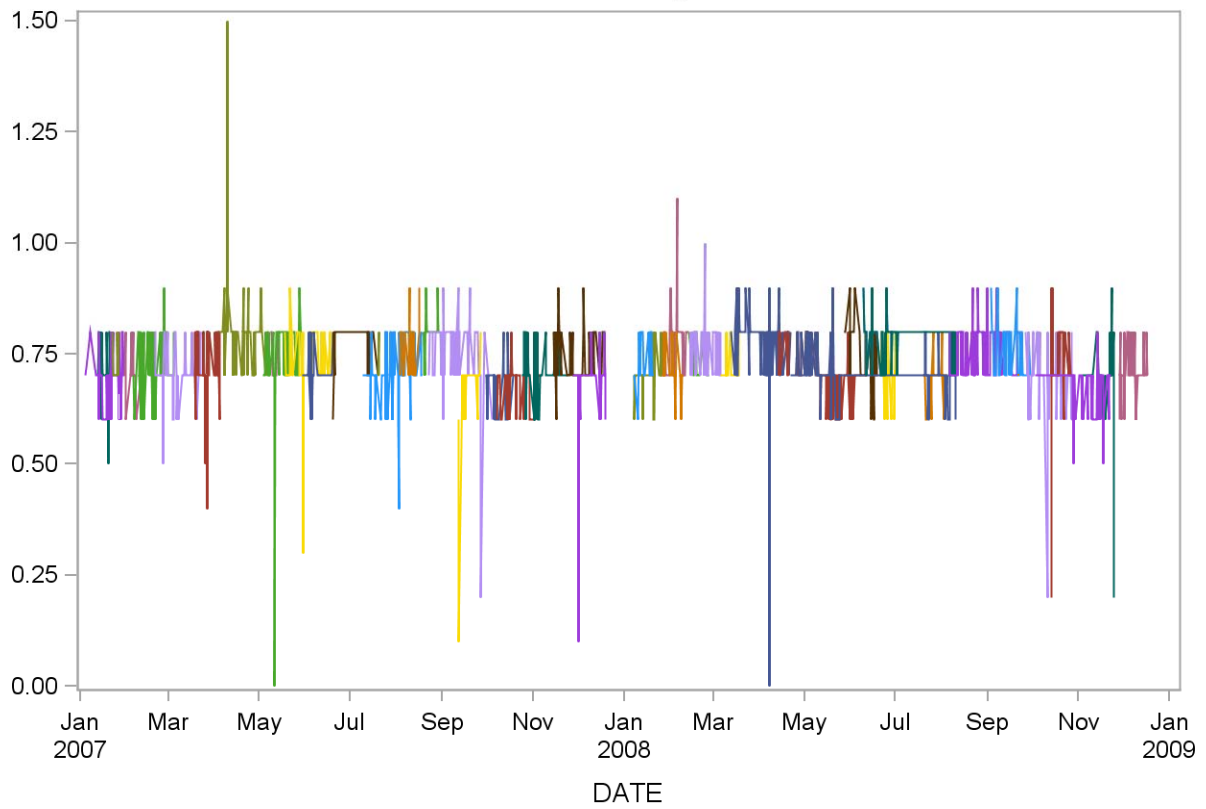
**Eosinophils No.(10³ cells/uL) (Abn II)
2007-2008 Quality Control**



Eosinophils No.(10³ cells/uL) (Normal)
Summary Statistics

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	0.6964	0.0576	8.3
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	0.7235	0.0831	11.5
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	0.7500	0.0548	7.3
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	0.7040	0.0455	6.5
881400_07	44	05FEB07:17:25:00	04MAR07:13:38:00	0.7250	0.0751	10.4
881500_07	50	19FEB07:14:27:00	22MAR07:17:30:00	0.7080	0.0665	9.4
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	0.7240	0.0797	11.0
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	0.8000	0.0000	0.0
882700_07	84	04APR07:14:12:00	07MAY07:08:36:00	0.7964	0.0924	11.6
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	0.7163	0.1588	22.2
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	0.7571	0.0535	7.1
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	0.7400	0.0830	11.2
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	0.7065	0.0442	6.3
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	0.7526	0.0612	8.1
884600_07	80	09JUL07:10:49:00	18AUG07:13:16:00	0.7088	0.0715	10.1
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	0.7250	0.0500	6.9
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	0.7667	0.0658	8.6
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	0.8000	0.0500	6.3
885400_07	72	22AUG07:11:56:00	04OCT07:08:31:00	0.7542	0.0903	12.0
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	0.6615	0.1235	18.7
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	0.6733	0.0583	8.7
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	0.6783	0.0513	7.6
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	0.7054	0.0585	8.3
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	0.7451	0.0610	8.2
887300_07	35	27NOV07:13:37:00	19DEC07:13:27:00	0.6771	0.1114	16.4
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	0.7333	0.0577	7.9
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	0.6968	0.0482	6.9
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	0.7758	0.0792	10.2
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	0.7120	0.0526	7.4
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	0.7286	0.0463	6.4
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	0.7625	0.0628	8.2
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	0.7250	0.0444	6.1
889400_08	84	12MAR08:11:28:00	21APR08:08:41:00	0.7714	0.1013	13.1
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	0.7583	0.0515	6.8
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	0.7200	0.0408	5.7
880200_08	91	25APR08:15:45:00	07JUN08:08:52:00	0.7000	0.0577	8.2
881900_08	98	25APR08:15:45:00	10AUG08:13:54:00	0.7051	0.0581	8.2
880600_08	38	27MAY08:18:14:00	18JUN08:14:04:00	0.7526	0.0725	9.6
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	0.7824	0.0518	6.6
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	0.7854	0.0527	6.7
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	0.7000	0.0686	9.8
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	0.6913	0.0515	7.4
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	0.7684	0.0567	7.4
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	0.7608	0.0603	7.9
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	0.7016	0.0889	12.7
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	0.6660	0.0600	9.0
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	0.7294	0.1142	15.7
883900_08	39	03NOV08:11:45:00	24NOV08:18:33:00	0.6949	0.0972	14.0
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	0.7129	0.0527	7.4

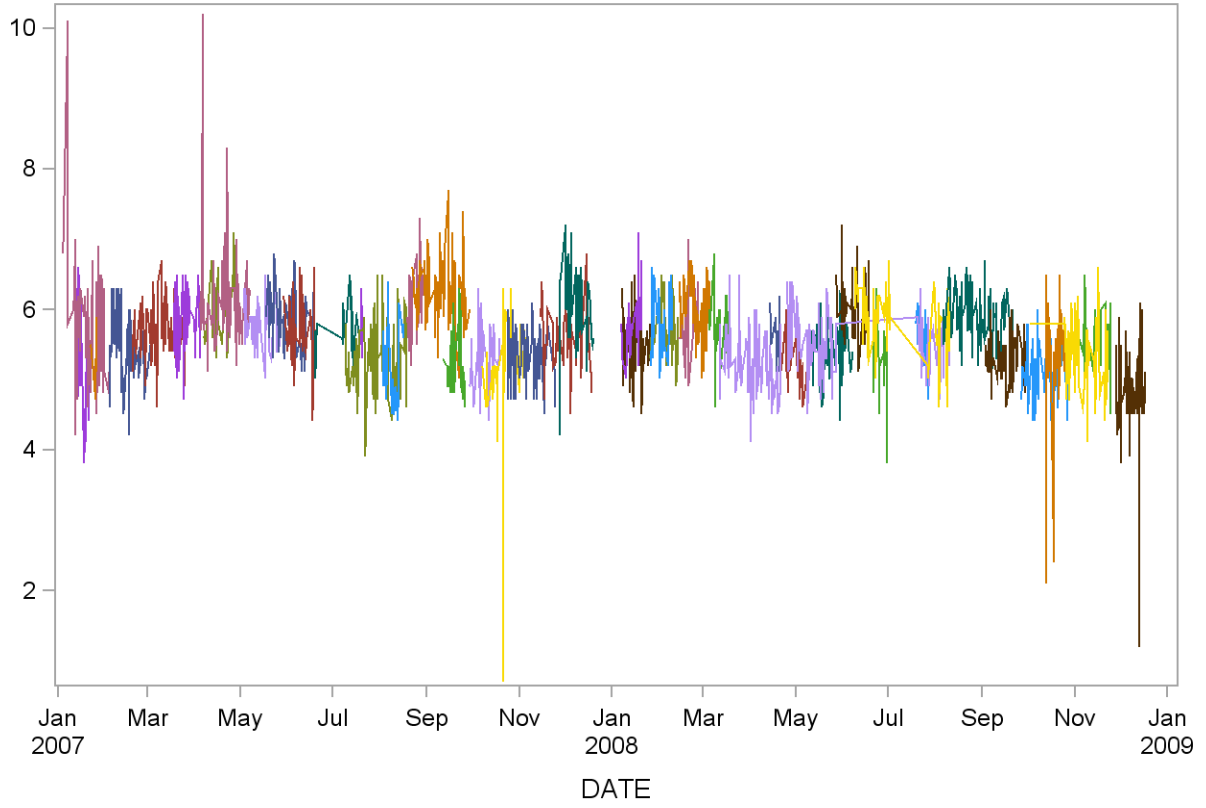
**Eosinophils No.(10³ cells/uL) (Normal)
2007-2008 Quality Control**



**Eosinophils (%) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	5.7286	0.8806	15.4
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	5.3300	0.8856	16.6
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	5.3143	0.3761	7.1
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	5.4441	0.4699	8.6
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	5.6912	0.4133	7.3
873100_07	52	18MAR07:11:28:00	04APR07:15:54:00	5.8250	0.4063	7.0
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	6.1068	0.7597	12.4
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	6.0621	0.4507	7.4
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	5.7853	0.3727	6.4
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	5.8236	0.4325	7.4
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	5.6857	0.4827	8.5
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	5.6750	0.3796	6.7
875200_07	77	09JUL07:10:50:00	18AUG07:13:17:00	5.3195	0.5073	9.5
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	5.6750	0.4349	7.7
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	5.1850	0.5950	11.5
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	6.1316	0.5218	8.5
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	6.2356	0.4611	7.4
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	5.2094	0.4083	7.8
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	5.2588	0.4342	8.3
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	5.1469	0.7792	15.1
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	5.2981	0.4031	7.6
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	5.5673	0.4195	7.5
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	6.0257	0.6055	10.0
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	5.7480	0.4455	7.7
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	5.4366	0.4705	8.7
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	5.8000	0.4174	7.2
878900_08	25	26JAN08:12:12:00	09FEB08:14:28:00	5.8080	0.4636	8.0
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	5.7632	0.4844	8.4
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	6.0171	0.4260	7.1
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	5.7095	0.4721	8.3
879900_08	86	12MAR08:11:26:00	21APR08:08:45:00	5.2477	0.4389	8.4
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	5.6600	0.4088	7.2
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	5.2750	0.3284	6.2
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	5.4408	0.4215	7.7
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	5.5051	0.3980	7.2
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	5.9889	0.4584	7.7
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	5.8250	0.4283	7.4
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	5.9604	0.3757	6.3
872000_08	24	21JUN08:09:11:00	30JUN08:13:37:00	5.3250	0.5169	9.7
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	5.5909	0.4230	7.6
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	5.8963	0.4020	6.8
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	5.2878	0.3251	6.1
873500_08	68	26SEP08:13:26:00	27OCT08:11:22:00	5.0485	0.3585	7.1
874100_08	50	02OCT08:14:32:00	22NOV08:13:56:00	5.2980	0.5200	9.8
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	5.3657	0.9091	16.9
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	5.5000	0.4459	8.1
874600_08	69	28NOV08:09:51:00	17DEC08:08:36:00	4.8507	0.6246	12.9

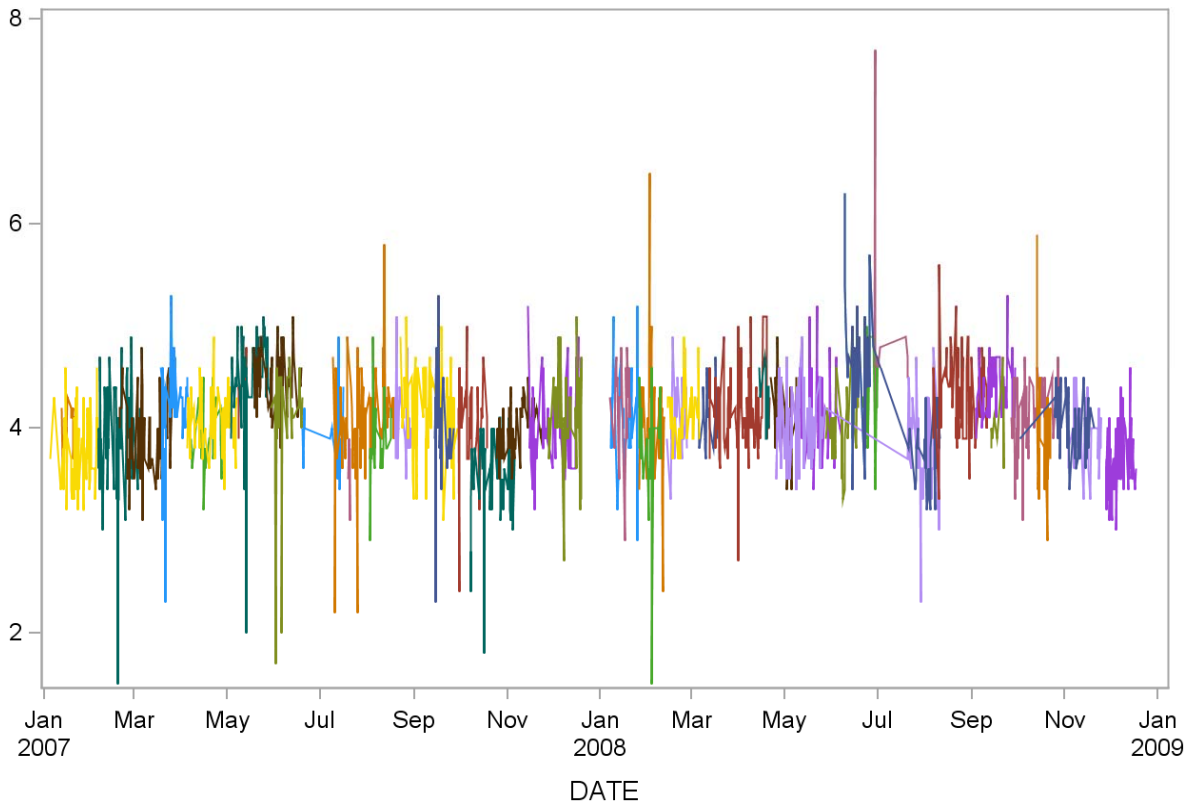
**Eosinophils (%) (Abn I)
2007-2008 Quality Control**



**Eosinophils (%) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	3.7386	0.3614	9.7
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	3.9824	0.2128	5.3
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	3.8914	0.5279	13.6
863600_07	59	19FEB07:14:31:00	25MAR07:17:21:00	3.9017	0.3721	9.5
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	4.2212	0.4354	10.3
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	4.0704	0.3007	7.4
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	3.9690	0.3106	7.8
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	4.5044	0.5121	11.4
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	3.9500	0.8343	21.1
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	4.4962	0.2758	6.1
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	4.1438	0.6435	15.5
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	3.9176	0.3644	9.3
866200_07	79	09JUL07:12:01:00	18AUG07:13:18:00	4.0557	0.4787	11.8
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	3.5750	0.3594	10.1
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	3.8714	0.3797	9.8
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	4.0474	0.3991	9.9
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	4.1875	0.4028	9.6
867300_07	30	14SEP07:10:11:00	26SEP07:09:51:00	3.9567	0.5776	14.6
867400_07	33	29SEP07:13:29:00	18OCT07:13:52:00	4.0333	0.4560	11.3
867700_07	43	07OCT07:15:12:00	05NOV07:09:16:00	3.5209	0.4565	13.0
868100_07	54	24OCT07:12:44:00	24NOV07:13:32:00	3.9722	0.2580	6.5
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	4.0460	0.4190	10.4
868500_07	40	27NOV07:13:36:00	19DEC07:13:28:00	4.0900	0.4733	11.6
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	4.1333	0.5062	12.2
868900_08	35	07JAN08:13:27:00	25JAN08:13:19:00	4.0886	0.4957	12.1
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	4.0061	0.6393	16.0
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	3.6885	0.7415	20.1
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	4.0895	0.3725	9.1
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	4.1216	0.2820	6.8
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	4.0800	0.2648	6.5
860600_08	87	12MAR08:11:21:00	21APR08:08:43:00	4.1264	0.3658	8.9
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	4.3111	0.3100	7.2
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	4.1708	0.3712	8.9
862900_08	87	25APR08:15:30:00	10AUG08:13:59:00	3.9287	0.4430	11.3
861400_08	93	25APR08:15:30:00	07JUN08:09:20:00	4.0688	0.3831	9.4
861700_08	32	27MAY08:18:16:00	18JUN08:08:40:00	4.0594	0.3876	9.5
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	4.1952	0.6374	15.2
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	4.6387	0.5766	12.4
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	4.2800	0.4346	10.2
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	4.8143	0.8672	18.0
863400_08	77	06AUG08:11:18:00	10SEP08:13:37:00	4.3273	0.3844	8.9
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	4.3778	0.2745	6.3
863900_08	10	13SEP08:09:49:00	21SEP08:13:54:00	4.1400	0.3627	8.8
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	4.1453	0.3101	7.5
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	4.0389	0.3017	7.5
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	3.9885	0.5901	14.8
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	3.9333	0.2995	7.6
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	3.6632	0.3249	8.9

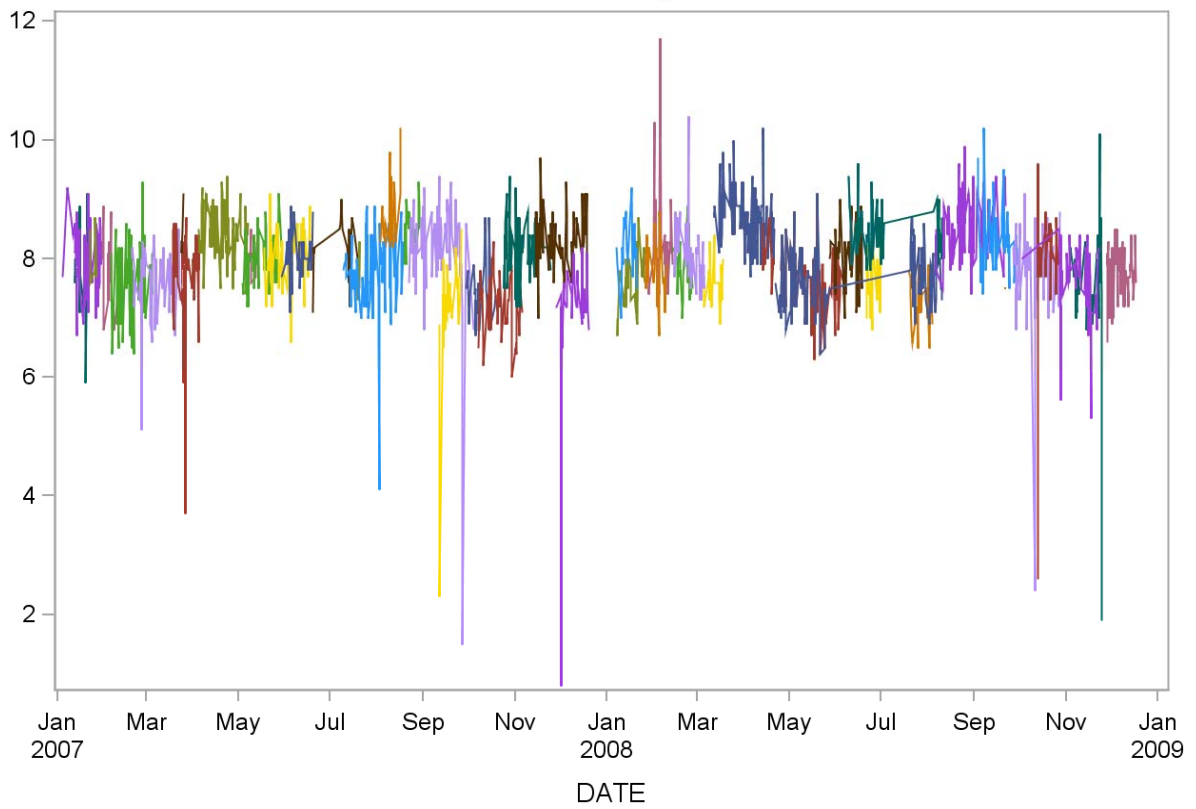
**Eosinophils (%) (Abn II)
2007-2008 Quality Control**



**Eosinophils (%) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	8.0509	0.5584	6.9
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	7.9647	0.7491	9.4
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	8.1000	0.4604	5.7
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	7.6400	0.5115	6.7
881400_07	45	05FEB07:17:25:00	04MAR07:13:38:00	7.6600	0.6824	8.9
881500_07	50	19FEB07:14:27:00	22MAR07:17:30:00	7.6080	0.6030	7.9
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	7.7420	0.7835	10.1
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	8.4600	0.3847	4.5
882700_07	83	04APR07:14:12:00	07MAY07:08:36:00	8.4651	0.4195	5.0
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	8.0023	0.4416	5.5
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	8.0000	0.3266	4.1
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	8.0400	0.4837	6.0
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	8.0484	0.4186	5.2
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	8.1316	0.5260	6.5
884600_07	80	09JUL07:10:49:00	18AUG07:13:16:00	7.7813	0.6794	8.7
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	7.7250	0.4349	5.6
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	8.7714	0.5551	6.3
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	8.5118	0.3672	4.3
885400_07	73	22AUG07:11:56:00	04OCT07:08:31:00	8.1507	0.9522	11.7
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	7.1962	1.0953	15.2
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	7.4367	0.5082	6.8
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	7.2283	0.5115	7.1
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	8.1500	0.5005	6.1
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	8.3137	0.5448	6.6
887300_07	35	27NOV07:13:37:00	19DEC07:13:27:00	7.1314	1.1641	16.3
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	8.2000	0.4848	5.9
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	7.5871	0.4595	6.1
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	8.2121	0.8238	10.0
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	7.7720	0.4704	6.1
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	7.7619	0.4738	6.1
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	8.1075	0.5332	6.6
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	7.5850	0.3884	5.1
889400_08	83	12MAR08:11:28:00	21APR08:08:41:00	8.6880	0.5018	5.8
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	8.1000	0.3542	4.4
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	7.4200	0.3416	4.6
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	7.5717	0.4949	6.5
881900_08	99	25APR08:15:45:00	10AUG08:13:54:00	7.7020	0.4949	6.4
880600_08	39	27MAY08:18:14:00	18JUN08:14:04:00	8.0436	0.5170	6.4
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	8.4647	0.4279	5.1
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	8.4659	0.4380	5.2
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	7.6222	0.4647	6.1
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	7.2565	0.4273	5.9
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	8.5468	0.4932	5.8
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	8.3588	0.5262	6.3
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	7.8222	0.8605	11.0
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	7.6574	0.6368	8.3
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	8.0029	1.0536	13.2
883900_08	39	03NOV08:11:45:00	24NOV08:18:33:00	7.5667	1.0979	14.5
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	7.8000	0.4057	5.2

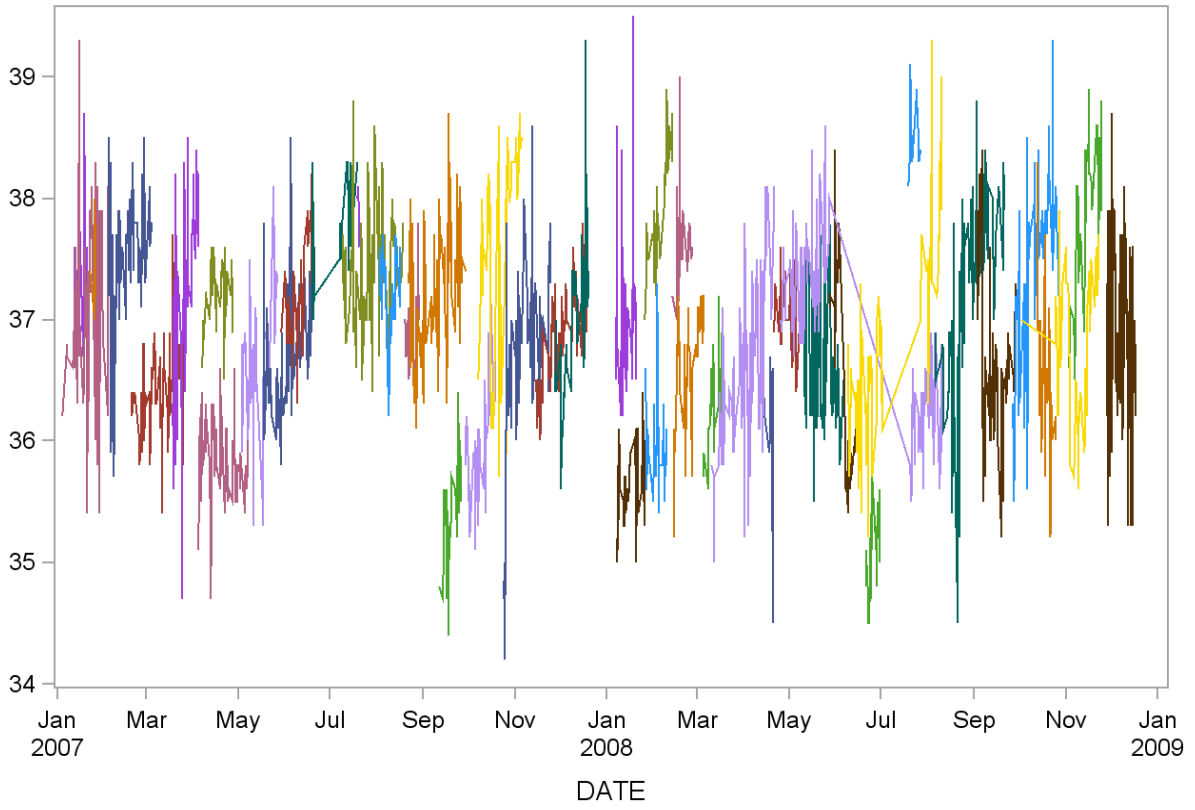
Eosinophils (%) (Normal) 2007-2008 Quality Control



**Hematocrit (%) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	53	04JAN07:11:40:00	03FEB07:13:35:00	36.9509	0.8128	2.2
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	37.2800	0.5248	1.4
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	37.4714	0.3861	1.0
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	37.5452	0.5133	1.4
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	36.4175	0.3747	1.0
873100_07	50	18MAR07:11:28:00	04APR07:15:54:00	37.1260	0.8191	2.2
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	35.8390	0.3358	0.9
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	37.1759	0.3090	0.8
874000_07	35	03MAY07:10:41:00	27MAY07:08:42:00	36.5714	0.5988	1.6
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	36.7473	0.5256	1.4
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	37.1371	0.4609	1.2
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	37.7450	0.4334	1.1
875200_07	79	09JUL07:10:50:00	18AUG07:13:17:00	37.3709	0.4655	1.2
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	37.8250	0.2630	0.7
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	37.2250	0.3654	1.0
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	36.9263	0.3297	0.9
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	37.2151	0.5619	1.5
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	35.3125	0.4179	1.2
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	36.0176	0.4914	1.4
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	37.5184	0.9098	2.4
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	36.6963	0.8301	2.3
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	36.8796	0.4267	1.2
877800_07	37	27NOV07:13:35:00	19DEC07:13:26:00	36.8865	0.6816	1.8
878400_08	24	07JAN08:08:38:00	20JAN08:13:23:00	37.0417	0.8032	2.2
878300_08	40	07JAN08:13:26:00	26JAN08:09:34:00	35.6250	0.3136	0.9
878800_08	33	26JAN08:10:30:00	13FEB08:09:32:00	37.9545	0.5050	1.3
878900_08	26	26JAN08:12:12:00	09FEB08:14:28:00	35.9692	0.4174	1.2
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	37.6211	0.4276	1.1
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	36.6200	0.4993	1.4
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	36.3048	0.4068	1.1
879900_08	88	10MAR08:11:11:00	21APR08:08:45:00	36.5830	0.6985	1.9
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	36.1100	0.6262	1.7
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	37.0571	0.2949	0.8
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	36.9031	0.6997	1.9
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	36.9153	0.6643	1.8
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	36.4750	0.7843	2.2
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	36.3646	0.4729	1.3
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	36.9413	0.9019	2.4
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	35.1045	0.3287	0.9
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	38.5455	0.2945	0.8
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	37.1220	0.8525	2.3
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	36.6918	0.7225	2.0
873500_08	69	26SEP08:13:26:00	27OCT08:11:22:00	37.4623	0.6841	1.8
874100_08	51	02OCT08:14:32:00	22NOV08:13:56:00	36.7569	0.5988	1.6
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	36.4657	0.6557	1.8
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	37.8857	0.6179	1.6
874600_08	69	28NOV08:09:51:00	17DEC08:08:36:00	36.7391	0.7689	2.1

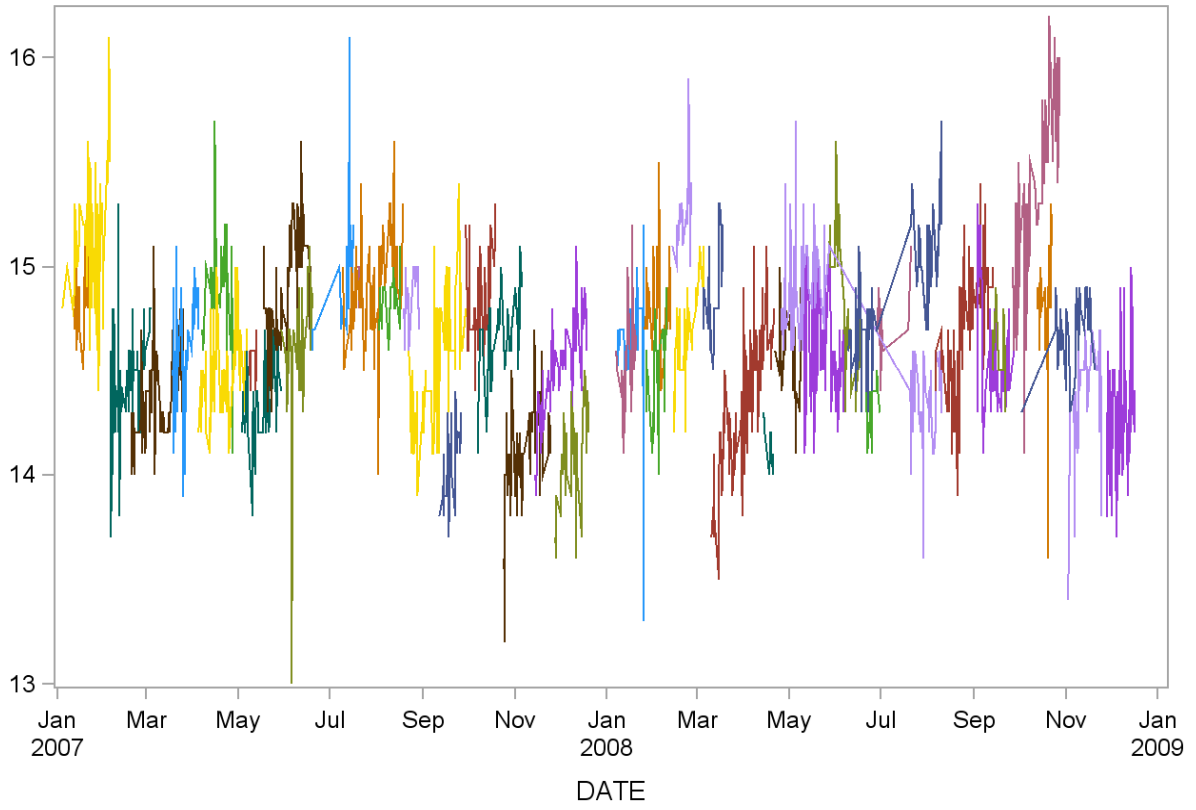
**Hematocrit (%) (Abn I)
2007-2008 Quality Control**



**Hematocrit (%) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	15.1386	0.3239	2.1
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	14.8529	0.1940	1.3
863500_07	57	05FEB07:08:40:00	04MAR07:13:39:00	14.4561	0.2632	1.8
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	14.3397	0.2102	1.5
864100_07	51	18MAR07:11:32:00	04APR07:15:53:00	14.5490	0.2873	2.0
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	14.4741	0.2085	1.4
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	14.8933	0.2651	1.8
865000_07	44	03MAY07:10:47:00	29MAY07:12:57:00	14.3341	0.1879	1.3
864900_07	8	08MAY07:12:43:00	13MAY07:08:57:00	14.5500	0.1069	0.7
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	14.8792	0.2612	1.8
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	14.6094	0.3532	2.4
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	14.9421	0.3469	2.3
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	14.9038	0.2509	1.7
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	14.9500	0.1000	0.7
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	14.8333	0.1155	0.8
866700_07	18	19AUG07:08:42:00	29AUG07:13:23:00	14.8444	0.1381	0.9
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	14.5403	0.3287	2.3
867300_07	35	11SEP07:19:08:00	26SEP07:09:51:00	13.9943	0.1748	1.2
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	14.8265	0.2220	1.5
867700_07	42	07OCT07:15:12:00	05NOV07:09:16:00	14.6524	0.2039	1.4
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	14.0727	0.2725	1.9
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	14.5404	0.2403	1.7
868500_07	41	27NOV07:13:36:00	19DEC07:13:28:00	14.0805	0.2421	1.7
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	14.5375	0.2516	1.7
868900_08	36	07JAN08:13:27:00	25JAN08:09:03:00	14.6417	0.2771	1.9
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	14.8030	0.2023	1.4
869500_08	24	26JAN08:12:15:00	09FEB08:14:31:00	14.5125	0.2173	1.5
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	15.2474	0.2010	1.3
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	14.7474	0.2345	1.6
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	14.9050	0.2438	1.6
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	14.3527	0.3198	2.2
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	14.1444	0.1014	0.7
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	14.6250	0.2172	1.5
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	14.6377	0.3523	2.4
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	14.7082	0.3048	2.1
861700_08	38	27MAY08:18:16:00	18JUN08:08:40:00	14.7579	0.3218	2.2
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	14.6160	0.1633	1.1
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	14.8120	0.3133	2.1
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	14.3125	0.1258	0.9
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	14.7714	0.1858	1.3
863400_08	79	06AUG08:11:18:00	13SEP08:08:36:00	14.7165	0.2946	2.0
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	14.5852	0.2638	1.8
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	14.5833	0.1697	1.2
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	15.2891	0.4149	2.7
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	14.6833	0.1699	1.2
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	14.8280	0.2993	2.0
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	14.3211	0.3095	2.2
865200_08	56	28NOV08:09:50:00	17DEC08:08:38:00	14.2750	0.2843	2.0

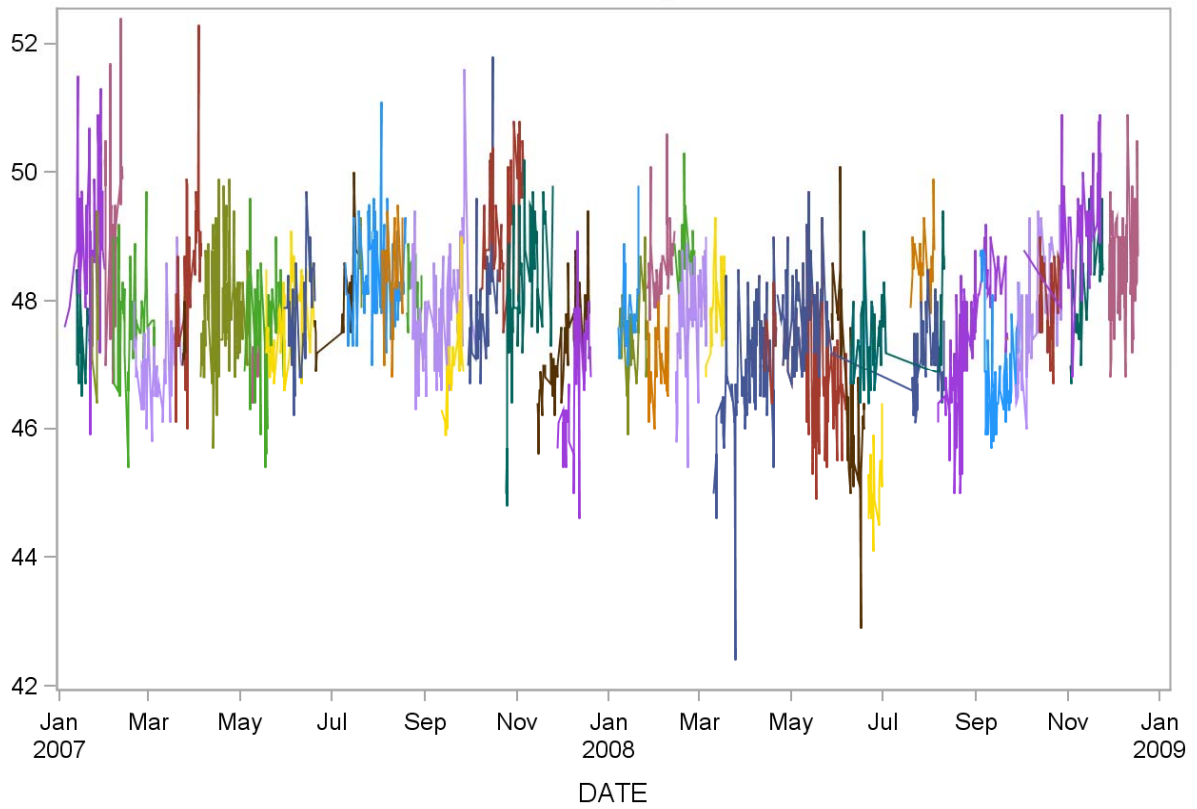
Hematocrit (%) (Abn II)
2007-2008 Quality Control



**Hematocrit (%) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	48.9855	1.1150	2.3
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	47.4118	0.5266	1.1
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	47.9333	1.1413	2.4
881300_07	24	30JAN07:17:50:00	11FEB07:13:41:00	49.2083	1.4179	2.9
881400_07	47	05FEB07:17:25:00	04MAR07:14:23:00	47.7404	0.7881	1.7
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	46.9451	0.6214	1.3
882000_07	46	18MAR07:11:27:00	04APR07:15:56:00	48.2500	1.1427	2.4
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	47.3000	0.4000	0.8
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	47.8788	0.9126	1.9
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	47.5047	0.8971	1.9
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	46.9571	0.4237	0.9
883400_07	56	18MAY07:11:36:00	18JUN07:17:37:00	47.7268	0.6145	1.3
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	47.7226	0.7839	1.6
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	48.0053	0.7043	1.5
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	48.4143	0.6954	1.4
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	48.4750	0.6021	1.2
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	48.2857	0.7438	1.5
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	48.0588	0.4664	1.0
885400_07	74	22AUG07:11:56:00	04OCT07:08:31:00	47.7392	0.8923	1.9
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	46.8962	0.6994	1.5
886000_07	31	29SEP07:13:30:00	18OCT07:13:56:00	47.9774	1.0304	2.1
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	49.1326	0.8380	1.7
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	48.1214	1.1508	2.4
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	47.2039	0.7313	1.5
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	46.6750	0.9652	2.1
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	47.8435	0.6251	1.3
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	47.3935	0.6638	1.4
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	48.6697	0.7130	1.5
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	47.1080	0.5627	1.2
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	48.8095	0.4888	1.0
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	47.6400	0.9165	1.9
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	47.8800	0.6518	1.4
889400_08	86	10MAR08:11:09:00	21APR08:08:41:00	46.8198	0.9921	2.1
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	47.2500	0.6201	1.3
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	47.8440	0.4866	1.0
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	47.0576	0.9177	2.0
881900_08	100	25APR08:15:45:00	10AUG08:13:54:00	47.3400	0.6767	1.4
880600_08	38	27MAY08:18:14:00	18JUN08:14:04:00	46.4711	1.3819	3.0
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	47.3364	0.5739	1.2
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	47.4296	0.6552	1.4
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	45.1000	0.5584	1.2
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	48.5833	0.4905	1.0
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	47.3924	1.0223	2.2
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	46.9824	0.8937	1.9
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	47.8210	0.7961	1.7
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	49.2021	0.7831	1.6
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	47.8912	0.5749	1.2
883900_08	39	02NOV08:11:51:00	24NOV08:09:25:00	48.4154	0.8067	1.7
884700_08	61	28NOV08:09:49:00	17DEC08:08:35:00	48.5344	0.8205	1.7

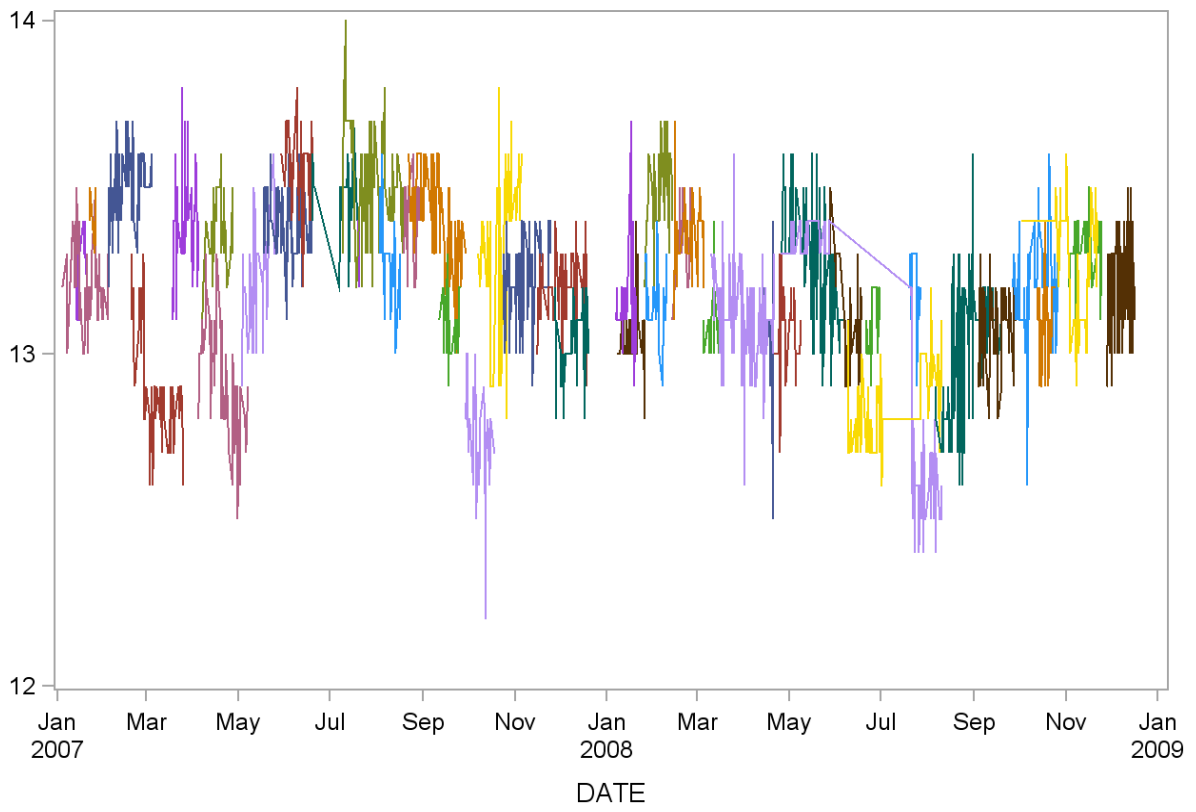
Hematocrit (%) (Normal) 2007-2008 Quality Control



Hemoglobin (g/dL) (Abn I)
Summary Statistics

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	55	04JAN07:11:40:00	03FEB07:13:35:00	13.2073	0.1136	0.9
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	13.2300	0.0865	0.7
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	13.4000	0.0816	0.6
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	13.5065	0.1143	0.8
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	12.8632	0.1707	1.3
873100_07	51	18MAR07:11:28:00	04APR07:15:54:00	13.4078	0.1468	1.1
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	12.9288	0.1692	1.3
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	13.3483	0.1184	0.9
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	13.2118	0.1665	1.3
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	13.4000	0.1139	0.8
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	13.5629	0.1285	0.9
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	13.4650	0.1182	0.9
875200_07	79	09JUL07:10:50:00	18AUG07:13:17:00	13.5177	0.1655	1.2
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	13.3500	0.1000	0.7
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	13.2750	0.1410	1.1
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	13.4158	0.1259	0.9
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	13.3932	0.1494	1.1
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	13.1031	0.0967	0.7
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	12.7441	0.1481	1.2
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	13.3143	0.2475	1.9
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	13.2315	0.1241	0.9
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	13.1898	0.1177	0.9
877800_07	37	27NOV07:13:35:00	19DEC07:13:26:00	13.0216	0.1134	0.9
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	13.1560	0.1557	1.2
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	13.0561	0.1001	0.8
878800_08	33	26JAN08:10:30:00	13FEB08:09:32:00	13.4758	0.1347	1.0
878900_08	26	26JAN08:12:12:00	09FEB08:14:28:00	13.1577	0.1102	0.8
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	13.3263	0.1098	0.8
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	13.3400	0.1143	0.9
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	13.1048	0.1024	0.8
879900_08	88	10MAR08:11:11:00	21APR08:08:45:00	13.0966	0.1434	1.1
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	13.0700	0.2359	1.8
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	13.0750	0.1295	1.0
872300_08	82	25APR08:15:29:00	10AUG08:13:55:00	12.9939	0.3805	2.9
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	13.2908	0.1644	1.2
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	13.1500	0.1502	1.1
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	12.7792	0.1031	0.8
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	12.8388	0.1258	1.0
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	13.0955	0.0950	0.7
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	13.1818	0.1168	0.9
872800_08	81	06AUG08:11:17:00	21SEP08:09:10:00	13.0173	0.2024	1.6
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	13.0714	0.1190	0.9
873500_08	69	26SEP08:13:26:00	27OCT08:11:22:00	13.2087	0.1432	1.1
874100_08	51	02OCT08:14:32:00	22NOV08:13:56:00	13.2549	0.1653	1.2
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	13.0771	0.1140	0.9
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	13.3200	0.0964	0.7
874600_08	69	28NOV08:09:51:00	17DEC08:08:36:00	13.1913	0.1522	1.2

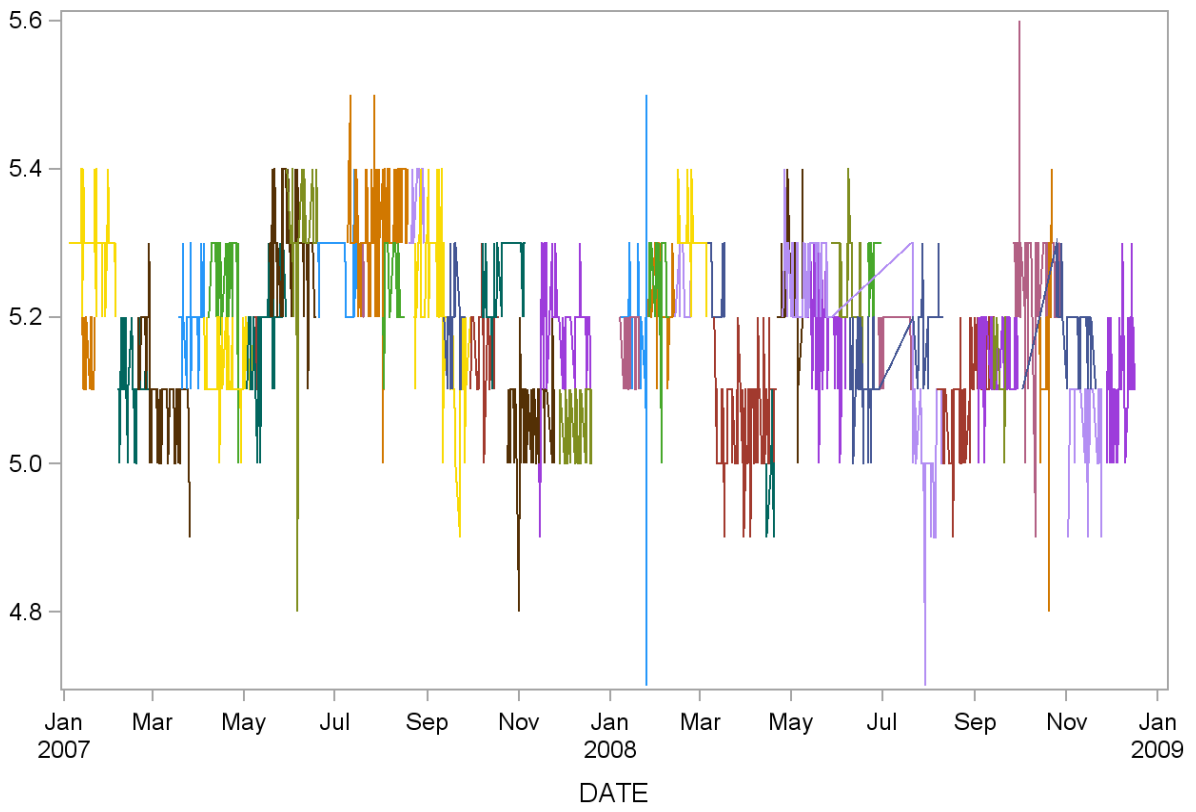
Hemoglobin (g/dL) (Abn I) 2007-2008 Quality Control



Hemoglobin (g/dL) (Abn II)
Summary Statistics

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	58	04JAN07:11:45:00	04FEB07:13:44:00	5.3034	0.0458	0.9
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	5.1588	0.0507	1.0
863500_07	57	05FEB07:08:40:00	04MAR07:13:39:00	5.1035	0.0462	0.9
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	5.0810	0.0760	1.5
864100_07	51	18MAR07:11:32:00	04APR07:15:53:00	5.2020	0.0424	0.8
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	5.1222	0.0502	1.0
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	5.2500	0.0731	1.4
865000_07	44	03MAY07:10:47:00	29MAY07:12:57:00	5.1909	0.0676	1.3
864900_07	8	08MAY07:12:43:00	13MAY07:08:57:00	5.1375	0.0518	1.0
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	5.2925	0.0730	1.4
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	5.3063	0.1045	2.0
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	5.2526	0.0612	1.2
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	5.3244	0.0776	1.5
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	5.2250	0.0500	1.0
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	5.2476	0.0602	1.1
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	5.3368	0.0496	0.9
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	5.2069	0.1092	2.1
867300_07	35	11SEP07:19:08:00	26SEP07:09:51:00	5.1943	0.0539	1.0
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	5.1735	0.0618	1.2
867700_07	42	07OCT07:15:12:00	05NOV07:09:16:00	5.2595	0.0544	1.0
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	5.0618	0.0680	1.3
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	5.1904	0.0748	1.4
868500_07	41	27NOV07:13:36:00	19DEC07:13:28:00	5.0439	0.0502	1.0
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	5.1625	0.0495	1.0
868900_08	36	07JAN08:13:27:00	25JAN08:09:03:00	5.1889	0.1090	2.1
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	5.2242	0.0561	1.1
869500_08	24	26JAN08:12:15:00	09FEB08:14:31:00	5.2458	0.0721	1.4
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	5.2632	0.0597	1.1
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	5.3026	0.0367	0.7
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	5.2350	0.0489	0.9
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	5.0570	0.0649	1.3
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	4.9889	0.0601	1.2
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	5.2417	0.0881	1.7
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	5.1594	0.1406	2.7
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	5.2163	0.0756	1.4
861700_08	38	27MAY08:18:16:00	18JUN08:08:40:00	5.2500	0.0688	1.3
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	5.1180	0.0629	1.2
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	5.1494	0.0669	1.3
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	5.2750	0.0447	0.8
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	5.1571	0.0514	1.0
863400_08	79	06AUG08:11:18:00	13SEP08:08:36:00	5.0848	0.0622	1.2
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	5.1370	0.0560	1.1
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	5.1333	0.0651	1.3
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	5.2609	0.0866	1.6
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	5.1889	0.0523	1.0
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	5.1800	0.1190	2.3
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	5.0658	0.0627	1.2
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	5.1123	0.0657	1.3

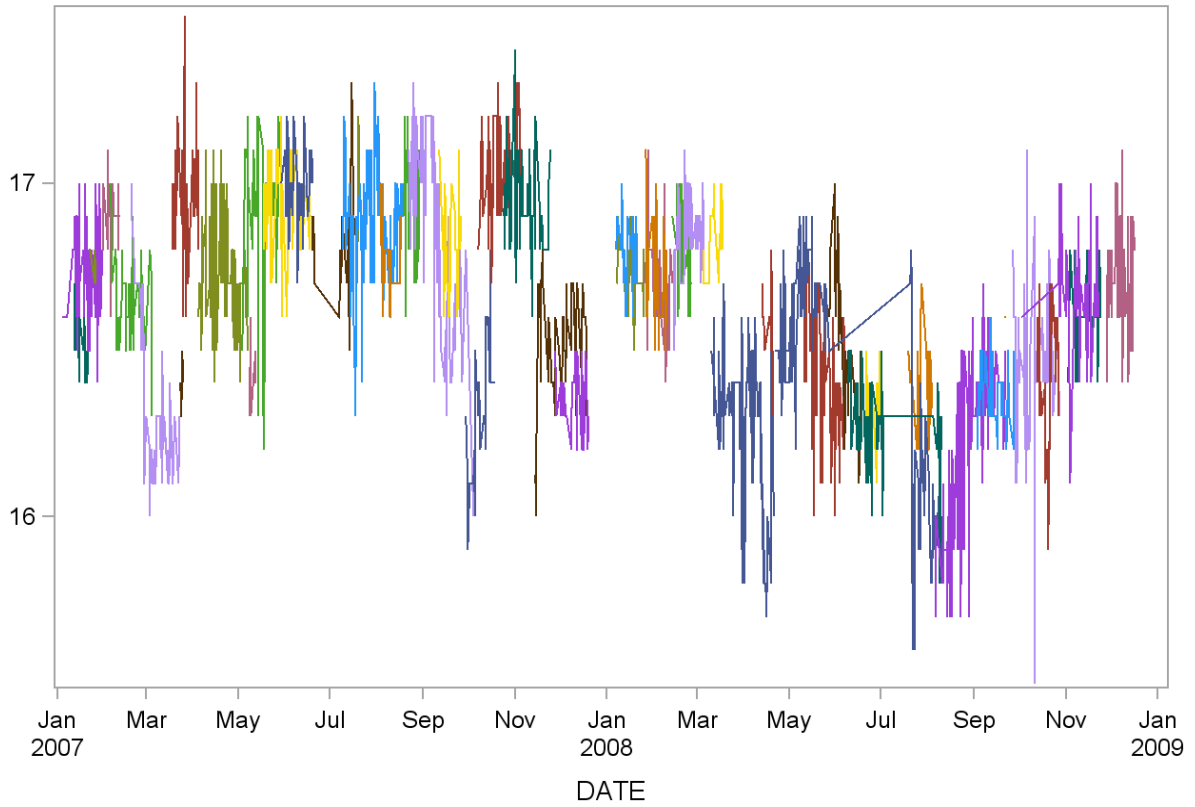
Hemoglobin (g/dL) (Abn II)
2007-2008 Quality Control



**Hemoglobin (g/dL) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	16.7036	0.1527	0.9
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	16.5118	0.0857	0.5
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	16.7500	0.0548	0.3
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	16.8840	0.1028	0.6
881400_07	47	05FEB07:17:25:00	04MAR07:14:23:00	16.6255	0.1259	0.8
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	16.3314	0.2557	1.6
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	16.9520	0.1887	1.1
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	16.3800	0.0837	0.5
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	16.7459	0.1651	1.0
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	16.8977	0.2454	1.5
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	16.4143	0.1069	0.7
883400_07	56	18MAY07:11:36:00	18JUN07:17:37:00	16.9339	0.1392	0.8
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	16.9839	0.1157	0.7
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	16.8105	0.1729	1.0
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	16.8702	0.1734	1.0
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	17.0000	0.2160	1.3
885000_07	22	03AUG07:08:49:00	16AUG07:13:51:00	16.7455	0.1184	0.7
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	16.9588	0.1906	1.1
885400_07	73	22AUG07:11:56:00	04OCT07:08:31:00	16.8315	0.2718	1.6
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	16.8231	0.1451	0.9
886000_07	31	29SEP07:13:30:00	18OCT07:13:56:00	16.3323	0.2056	1.3
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	17.0413	0.1439	0.8
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	16.9411	0.1398	0.8
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	16.5137	0.1709	1.0
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	16.3500	0.0971	0.6
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	16.7870	0.1100	0.7
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	16.7323	0.0945	0.6
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	16.6939	0.1519	0.9
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	16.7680	0.1749	1.0
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	16.7857	0.1236	0.7
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	16.8350	0.1231	0.7
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	16.8350	0.1040	0.6
889400_08	85	10MAR08:11:09:00	21APR08:08:41:00	16.2694	0.2366	1.5
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	16.5750	0.1215	0.7
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	16.5160	0.1405	0.9
881900_08	100	25APR08:15:45:00	10AUG08:13:54:00	16.3860	0.3613	2.2
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	16.5293	0.2025	1.2
880600_08	38	27MAY08:18:14:00	18JUN08:14:04:00	16.4921	0.2097	1.3
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	16.2630	0.1322	0.8
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	16.2682	0.1253	0.8
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	16.3167	0.1200	0.7
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	16.3958	0.1334	0.8
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	16.1911	0.2627	1.6
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	16.3608	0.0981	0.6
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	16.4397	0.2152	1.3
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	16.6851	0.1732	1.0
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	16.3765	0.1827	1.1
883900_08	39	02NOV08:11:51:00	24NOV08:09:25:00	16.6051	0.1099	0.7
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	16.7129	0.1542	0.9

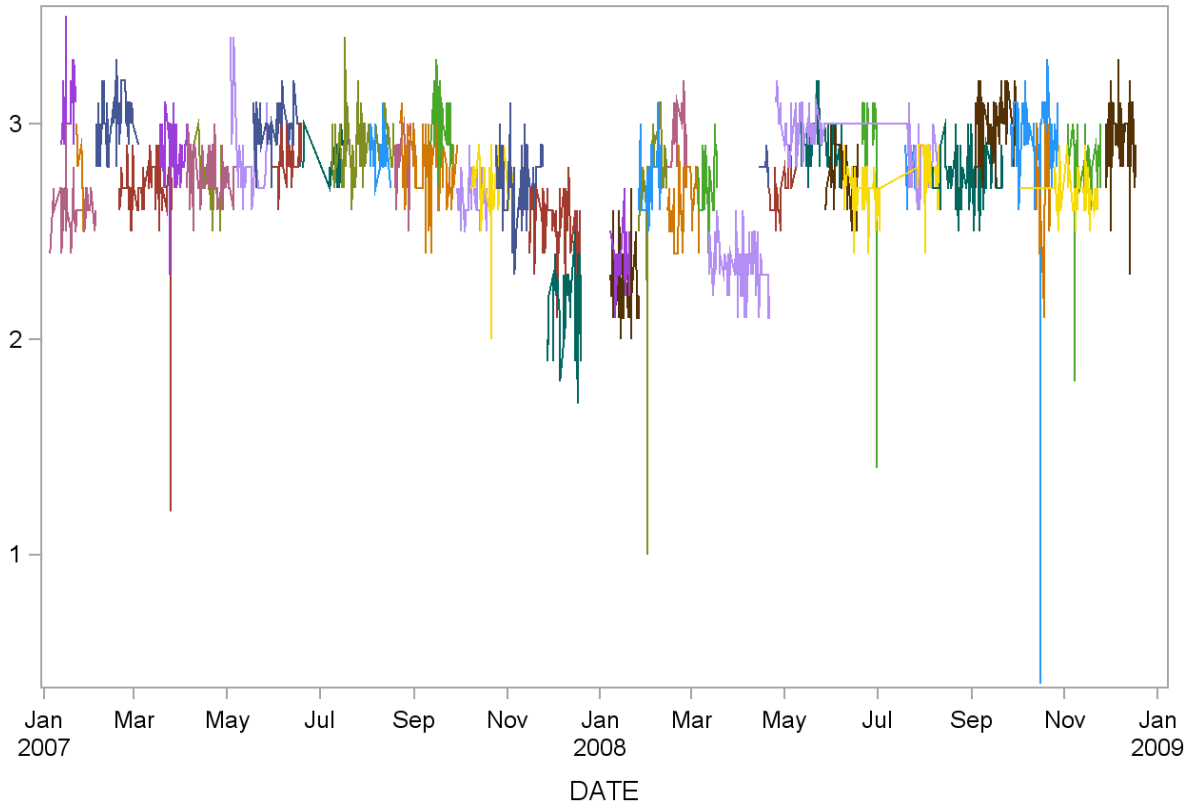
Hemoglobin (g/dL) (Normal)
2007-2008 Quality Control



**Lymphocyte No.(10³ cells/uL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	2.6071	0.1042	4.0
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	3.0800	0.1542	5.0
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	2.7714	0.1604	5.8
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	3.0102	0.1199	4.0
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	2.6825	0.2245	8.4
873100_07	52	18MAR07:11:28:00	04APR07:15:54:00	2.8654	0.1327	4.6
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	2.7678	0.1058	3.8
873500_07	28	07APR07:08:47:00	27APR07:13:46:00	2.7536	0.1201	4.4
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	2.8529	0.2178	7.6
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	2.9691	0.1034	3.5
874500_07	34	29MAY07:17:51:00	19JUN07:08:52:00	2.8441	0.0927	3.3
874600_07	19	19JUN07:12:37:00	19JUL07:08:45:00	2.8474	0.1020	3.6
875200_07	76	09JUL07:10:50:00	18AUG07:13:17:00	2.8947	0.1295	4.5
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	2.9750	0.0500	1.7
875600_07	19	03AUG07:08:50:00	16AUG07:13:54:00	2.8737	0.1046	3.6
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	2.8368	0.1342	4.7
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	2.8041	0.1399	5.0
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	2.9813	0.1330	4.5
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	2.6500	0.1052	4.0
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	2.7449	0.1473	5.4
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	2.7389	0.1698	6.2
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	2.5245	0.1521	6.0
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	2.1600	0.1913	8.9
878400_08	24	07JAN08:08:38:00	20JAN08:13:23:00	2.3667	0.1308	5.5
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	2.2732	0.1761	7.7
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	2.7531	0.3529	12.8
878900_08	24	26JAN08:12:12:00	09FEB08:14:28:00	2.7583	0.1558	5.6
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	2.9526	0.1389	4.7
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	2.6343	0.1349	5.1
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	2.7381	0.1431	5.2
879900_08	85	12MAR08:11:26:00	21APR08:08:45:00	2.3329	0.1199	5.1
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	2.8000	0.0471	1.7
870400_08	27	21APR08:09:06:00	08MAY08:13:46:00	2.6963	0.1018	3.8
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	2.9061	0.1267	4.4
870800_08	97	25APR08:15:29:00	07JUN08:09:04:00	2.9443	0.1099	3.7
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	2.7694	0.1215	4.4
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	2.6875	0.1044	3.9
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	2.7188	0.1148	4.2
872000_08	24	21JUN08:09:11:00	30JUN08:13:37:00	2.8542	0.4443	15.6
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	2.7636	0.0924	3.3
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	2.7561	0.1218	4.4
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	2.9939	0.1391	4.6
873500_08	67	26SEP08:13:26:00	27OCT08:11:22:00	2.9388	0.3451	11.7
874100_08	49	02OCT08:14:32:00	22NOV08:13:56:00	2.6898	0.0984	3.7
873800_08	33	13OCT08:11:21:00	25OCT08:09:43:00	2.6879	0.2058	7.7
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	2.7914	0.2049	7.3
874600_08	68	28NOV08:09:51:00	17DEC08:08:36:00	2.9412	0.1557	5.3

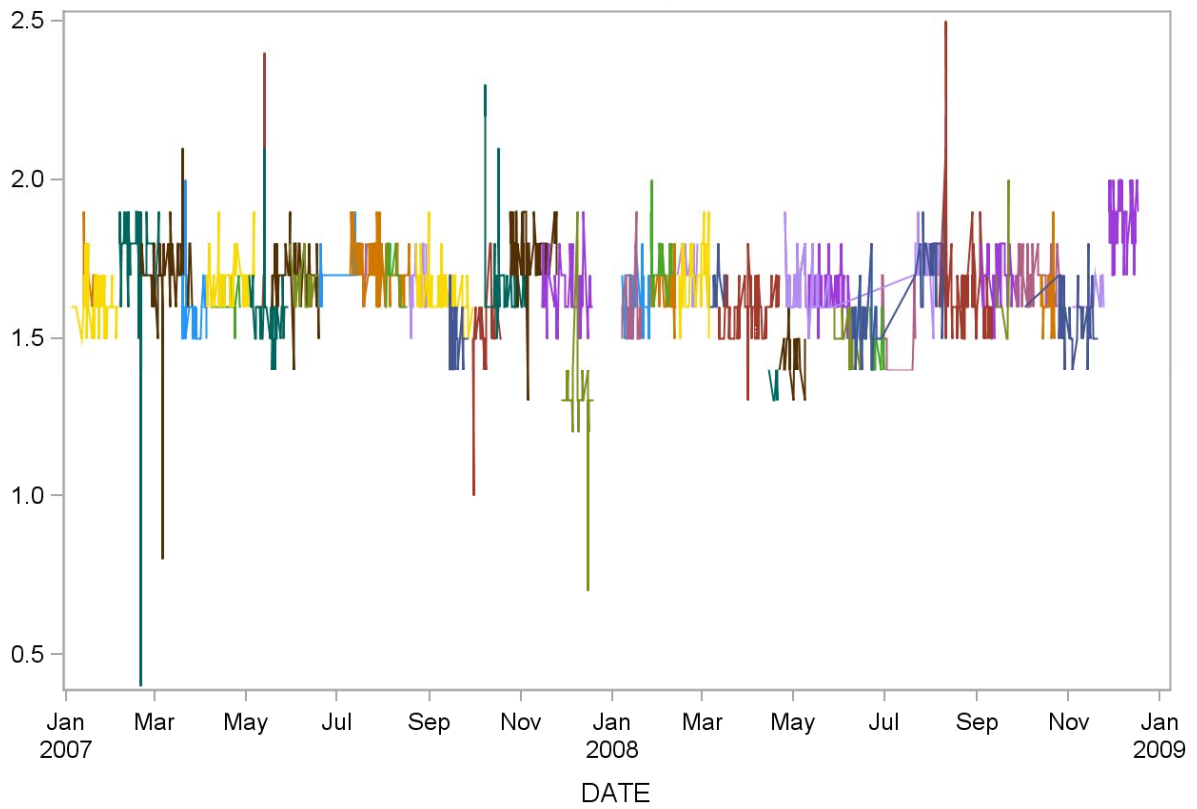
Lymphocyte No.(10³ cells/uL) (Abn I)
2007-2008 Quality Control



Lymphocyte No.(10³ cells/uL) (Abn II)
Summary Statistics

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	1.6070	0.0704	4.4
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	1.7118	0.0697	4.1
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	1.7672	0.2003	11.3
863600_07	59	19FEB07:14:31:00	25MAR07:17:21:00	1.7000	0.1486	8.7
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	1.5962	0.0839	5.3
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	1.6944	0.0656	3.9
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	1.6103	0.0409	2.5
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	1.5733	0.1053	6.7
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	1.7700	0.3093	17.5
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	1.7038	0.0839	4.9
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	1.6656	0.0602	3.6
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	1.7235	0.0752	4.4
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	1.7192	0.0790	4.6
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	1.7000	0.0816	4.8
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	1.6857	0.0793	4.7
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	1.6684	0.0885	5.3
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	1.6444	0.0729	4.4
867300_07	30	14SEP07:10:11:00	26SEP07:09:51:00	1.5033	0.0850	5.7
867400_07	33	29SEP07:13:29:00	18OCT07:13:52:00	1.5273	0.1306	8.5
867700_07	42	07OCT07:15:12:00	05NOV07:09:16:00	1.6762	0.1605	9.6
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	1.7818	0.1020	5.7
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	1.6400	0.0948	5.8
868500_07	40	27NOV07:13:36:00	19DEC07:13:28:00	1.3150	0.1562	11.9
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	1.5958	0.1122	7.0
868900_08	35	07JAN08:13:27:00	25JAN08:13:19:00	1.6229	0.0770	4.7
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	1.6667	0.0736	4.4
869500_08	24	26JAN08:12:15:00	09FEB08:14:31:00	1.7417	0.0881	5.1
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	1.7053	0.0705	4.1
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	1.7054	0.0970	5.7
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	1.6650	0.0587	3.5
860600_08	89	12MAR08:11:21:00	21APR08:08:43:00	1.5876	0.0781	4.9
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	1.3556	0.0527	3.9
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	1.4458	0.0721	5.0
861400_08	96	25APR08:15:30:00	07JUN08:09:20:00	1.6500	0.0725	4.4
862900_08	88	25APR08:15:30:00	10AUG08:13:59:00	1.6943	0.1128	6.7
861700_08	33	27MAY08:18:16:00	18JUN08:08:40:00	1.5182	0.0727	4.8
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	1.5258	0.0855	5.6
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	1.6317	0.1389	8.5
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	1.4667	0.0724	4.9
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	1.5357	0.1008	6.6
863400_08	77	06AUG08:11:18:00	10SEP08:13:37:00	1.6364	0.1495	9.1
863600_08	53	03SEP08:11:15:00	29SEP08:08:38:00	1.6887	0.0698	4.1
863900_08	10	13SEP08:09:49:00	21SEP08:13:54:00	1.6200	0.1476	9.1
864100_08	63	26SEP08:13:29:00	27OCT08:13:48:00	1.6873	0.0609	3.6
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	1.5667	0.0926	5.9
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	1.6240	0.0879	5.4
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	1.6139	0.0487	3.0
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	1.8737	0.0917	4.9

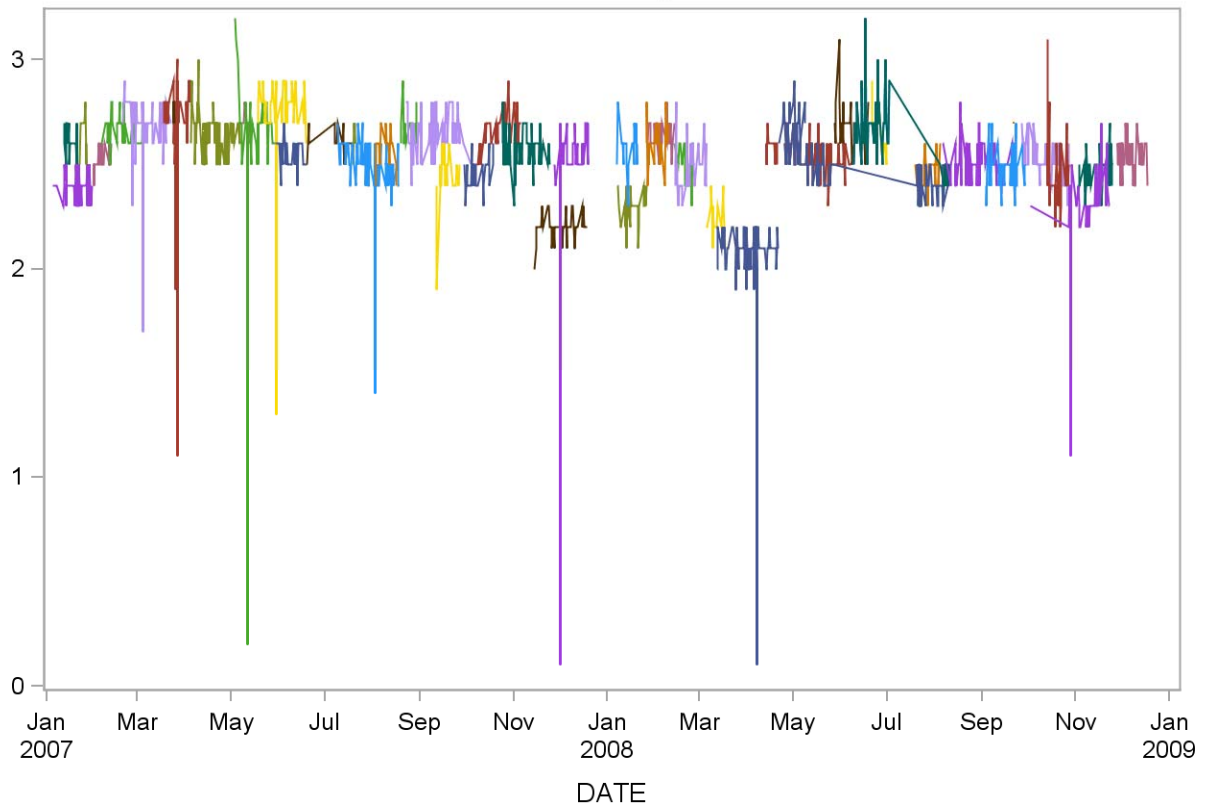
Lymphocyte No.(10³ cells/uL) (Abn II)
2007-2008 Quality Control



**Lymphocyte No.(10³ cells/uL) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	2.3945	0.0678	2.8
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	2.6000	0.0791	3.0
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	2.6333	0.1211	4.6
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	2.5240	0.0523	2.1
881400_07	44	05FEB07:17:25:00	04MAR07:13:38:00	2.6727	0.0694	2.6
881500_07	50	19FEB07:14:27:00	22MAR07:17:30:00	2.6740	0.1736	6.5
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	2.7220	0.2823	10.4
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	2.7600	0.0548	2.0
882700_07	84	04APR07:14:12:00	07MAY07:08:36:00	2.6417	0.0972	3.7
883200_07	42	03MAY07:10:40:00	29MAY07:12:55:00	2.6381	0.4102	15.5
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	2.7000	0.0577	2.1
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	2.7600	0.2148	7.8
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	2.5452	0.0675	2.7
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	2.6053	0.0621	2.4
884600_07	80	09JUL07:10:49:00	18AUG07:13:16:00	2.4975	0.1542	6.2
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	2.6250	0.0957	3.6
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	2.5857	0.0854	3.3
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	2.6882	0.0857	3.2
885400_07	72	22AUG07:11:56:00	04OCT07:08:31:00	2.6444	0.0977	3.7
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	2.4423	0.1332	5.5
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	2.4633	0.0765	3.1
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	2.6630	0.0853	3.2
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	2.5750	0.0919	3.6
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	2.2000	0.0632	2.9
887300_07	35	27NOV07:13:37:00	19DEC07:13:27:00	2.5000	0.4250	17.0
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	2.5762	0.0995	3.9
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	2.2903	0.0831	3.6
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	2.6394	0.0659	2.5
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	2.5960	0.0978	3.8
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	2.5238	0.0831	3.3
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	2.4875	0.1090	4.4
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	2.2350	0.0875	3.9
889400_08	84	12MAR08:11:28:00	21APR08:08:41:00	2.0738	0.2313	11.2
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	2.5750	0.0622	2.4
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	2.6960	0.0889	3.3
881900_08	98	25APR08:15:45:00	10AUG08:13:54:00	2.4653	0.0964	3.9
880200_08	91	25APR08:15:45:00	07JUN08:08:52:00	2.5253	0.0769	3.0
880600_08	38	27MAY08:18:14:00	18JUN08:14:04:00	2.6868	0.1018	3.8
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	2.6529	0.1666	6.3
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	2.7000	0.1500	5.6
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	2.6611	0.0979	3.7
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	2.4696	0.0765	3.1
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	2.5228	0.0862	3.4
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	2.4882	0.0887	3.6
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	2.5484	0.0825	3.2
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	2.3234	0.2139	9.2
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	2.4647	0.1739	7.1
883900_08	39	03NOV08:11:45:00	24NOV08:18:33:00	2.4769	0.0872	3.5
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	2.5323	0.0742	2.9

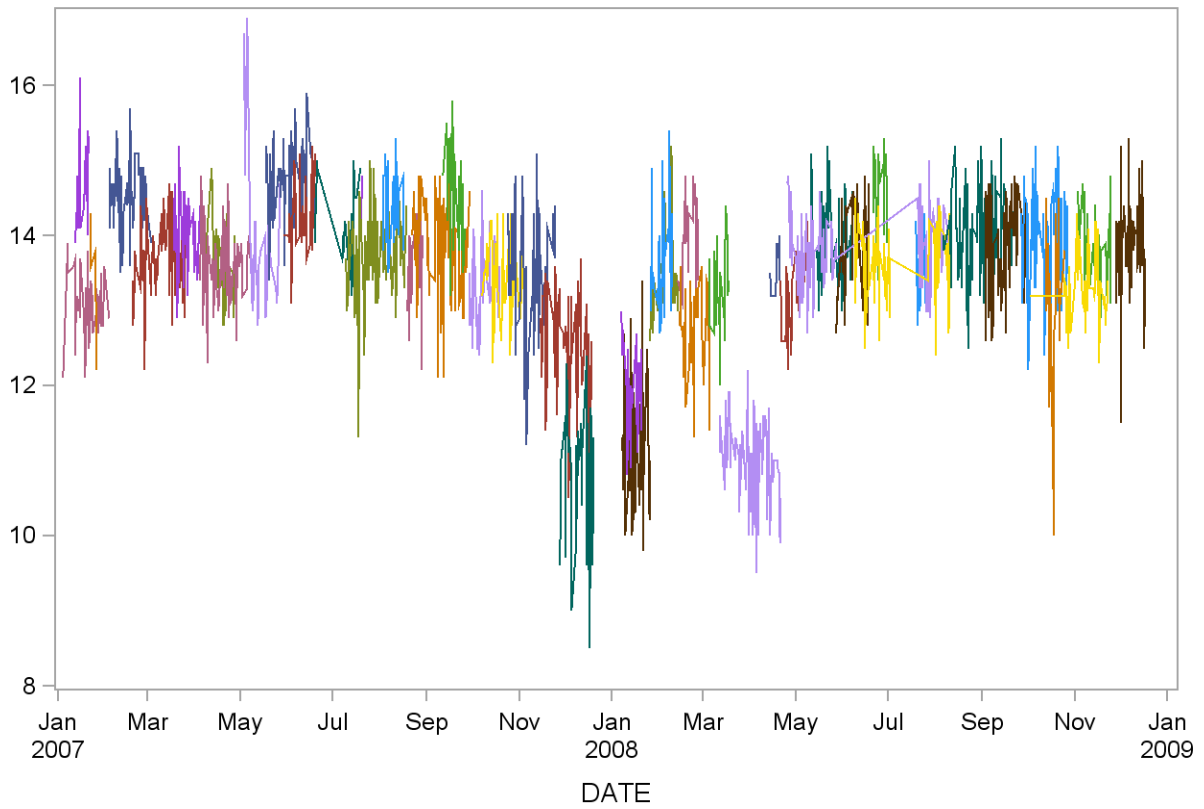
Lymphocyte No.(10³ cells/uL) (Normal)
2007-2008 Quality Control



**Lymphocyte (%) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	13.0768	0.3814	2.9
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	14.5850	0.5659	3.9
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	13.3571	0.6754	5.1
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	14.5288	0.4379	3.0
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	13.7228	0.5158	3.8
873100_07	51	18MAR07:11:28:00	04APR07:15:54:00	13.9980	0.4637	3.3
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	13.6000	0.4635	3.4
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	13.6828	0.4774	3.5
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	13.9794	1.0775	7.7
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	14.7382	0.5020	3.4
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	14.2971	0.4780	3.3
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	14.2000	0.5242	3.7
875200_07	77	09JUL07:10:50:00	18AUG07:13:17:00	13.7338	0.5819	4.2
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	14.5000	0.3162	2.2
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	14.4450	0.5176	3.6
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	13.5684	0.5697	4.2
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	13.8712	0.6190	4.5
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	14.5594	0.6127	4.2
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	13.2971	0.5828	4.4
876900_07	48	07OCT07:15:11:00	05NOV07:09:15:00	13.4917	0.5014	3.7
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	13.5222	0.8300	6.1
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	12.5510	0.7211	5.7
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	10.7600	0.9043	8.4
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	11.9120	0.5890	4.9
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	11.1439	0.8515	7.6
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	13.6375	0.6158	4.5
878900_08	25	26JAN08:12:12:00	09FEB08:14:28:00	13.8160	0.7151	5.2
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	14.0105	0.5322	3.8
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	12.7000	0.5886	4.6
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	13.3286	0.5815	4.4
879900_08	86	12MAR08:11:26:00	21APR08:08:45:00	10.9814	0.5162	4.7
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	13.6000	0.2867	2.1
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	13.1750	0.4680	3.6
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	13.8276	0.4896	3.5
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	13.8602	0.5187	3.7
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	13.9167	0.5974	4.3
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	13.6125	0.4541	3.3
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	13.6413	0.4641	3.4
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	14.5727	0.5248	3.6
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	13.4909	0.4657	3.5
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	13.9634	0.5972	4.3
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	13.8694	0.6118	4.4
873500_08	68	26SEP08:13:26:00	27OCT08:11:22:00	14.0397	0.6332	4.5
874100_08	50	02OCT08:14:32:00	22NOV08:13:56:00	13.3160	0.4358	3.3
873800_08	34	13OCT08:11:21:00	25OCT08:09:46:00	13.1559	0.8725	6.6
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	13.8771	0.4905	3.5
874600_08	68	28NOV08:09:51:00	17DEC08:08:36:00	13.9250	0.5888	4.2

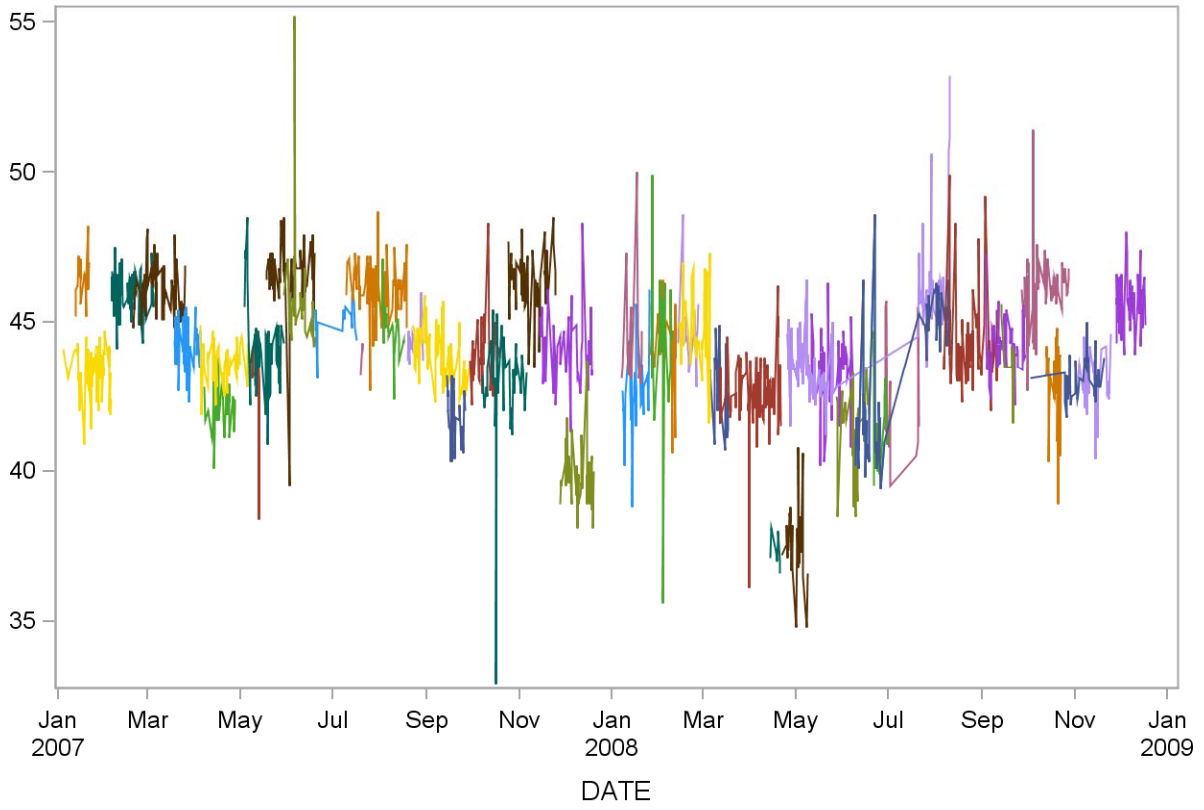
Lymphocyte (%) (Abn I)
2007-2008 Quality Control



Lymphocyte (%) (Abn II)
Summary Statistics

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	43.2912	0.8574	2.0
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	46.4000	0.7408	1.6
863500_07	57	05FEB07:08:40:00	04MAR07:13:39:00	46.0298	0.7380	1.6
863600_07	57	19FEB07:14:31:00	25MAR07:17:21:00	46.1053	0.7852	1.7
864100_07	51	18MAR07:11:32:00	04APR07:15:53:00	44.1686	0.7675	1.7
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	43.6611	0.6367	1.5
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	42.0690	0.7874	1.9
865000_07	44	03MAY07:10:47:00	29MAY07:12:57:00	44.0886	1.4200	3.2
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	42.5700	2.1328	5.0
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	46.5462	1.2169	2.6
865500_07	31	29MAY07:17:53:00	19JUN07:08:53:00	45.5452	1.9254	4.2
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	45.0235	0.6824	1.5
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	46.1064	0.8841	1.9
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	43.8250	0.4646	1.1
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	44.7429	0.8875	2.0
866700_07	18	19AUG07:08:42:00	29AUG07:13:23:00	44.2944	0.5493	1.2
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	43.8292	0.8802	2.0
867300_07	28	14SEP07:10:11:00	26SEP07:09:51:00	41.9000	0.8894	2.1
867400_07	32	29SEP07:13:29:00	18OCT07:13:52:00	43.9094	1.1116	2.5
867700_07	41	07OCT07:15:22:00	05NOV07:09:16:00	42.9073	1.8758	4.4
868100_07	54	24OCT07:12:44:00	24NOV07:13:32:00	46.3741	0.9821	2.1
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	44.0180	1.2032	2.7
868500_07	38	27NOV07:13:36:00	19DEC07:13:28:00	39.7816	1.0506	2.6
869200_08	23	07JAN08:08:35:00	20JAN08:13:22:00	44.5261	1.8224	4.1
868900_08	32	07JAN08:13:27:00	25JAN08:09:03:00	42.7719	1.4033	3.3
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	44.4455	1.1353	2.6
869500_08	25	26JAN08:12:15:00	09FEB08:14:31:00	44.5280	2.5595	5.7
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	44.7158	1.1587	2.6
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	44.7784	1.3128	2.9
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	42.7400	1.2275	2.9
860600_08	89	12MAR08:11:21:00	21APR08:08:43:00	42.5112	1.2614	3.0
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	37.3111	0.5110	1.4
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	37.5583	1.3984	3.7
861400_08	96	25APR08:15:30:00	07JUN08:09:20:00	43.3667	1.0774	2.5
862900_08	87	25APR08:15:30:00	10AUG08:13:57:00	44.5161	2.1251	4.8
861700_08	34	27MAY08:18:16:00	18JUN08:08:40:00	41.6000	1.2560	3.0
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	41.3935	1.8070	4.4
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	43.3206	2.3440	5.4
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	41.3200	1.3597	3.3
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	42.1571	1.9980	4.7
863400_08	73	06AUG08:11:18:00	10SEP08:13:37:00	44.1342	1.3488	3.1
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	44.2611	0.8555	1.9
863900_08	9	13SEP08:09:49:00	21SEP08:13:54:00	43.9778	1.1745	2.7
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	46.0500	1.1595	2.5
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	43.0944	0.6559	1.5
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	42.7308	1.4491	3.4
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	43.1000	0.8880	2.1
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	45.5825	0.8561	1.9

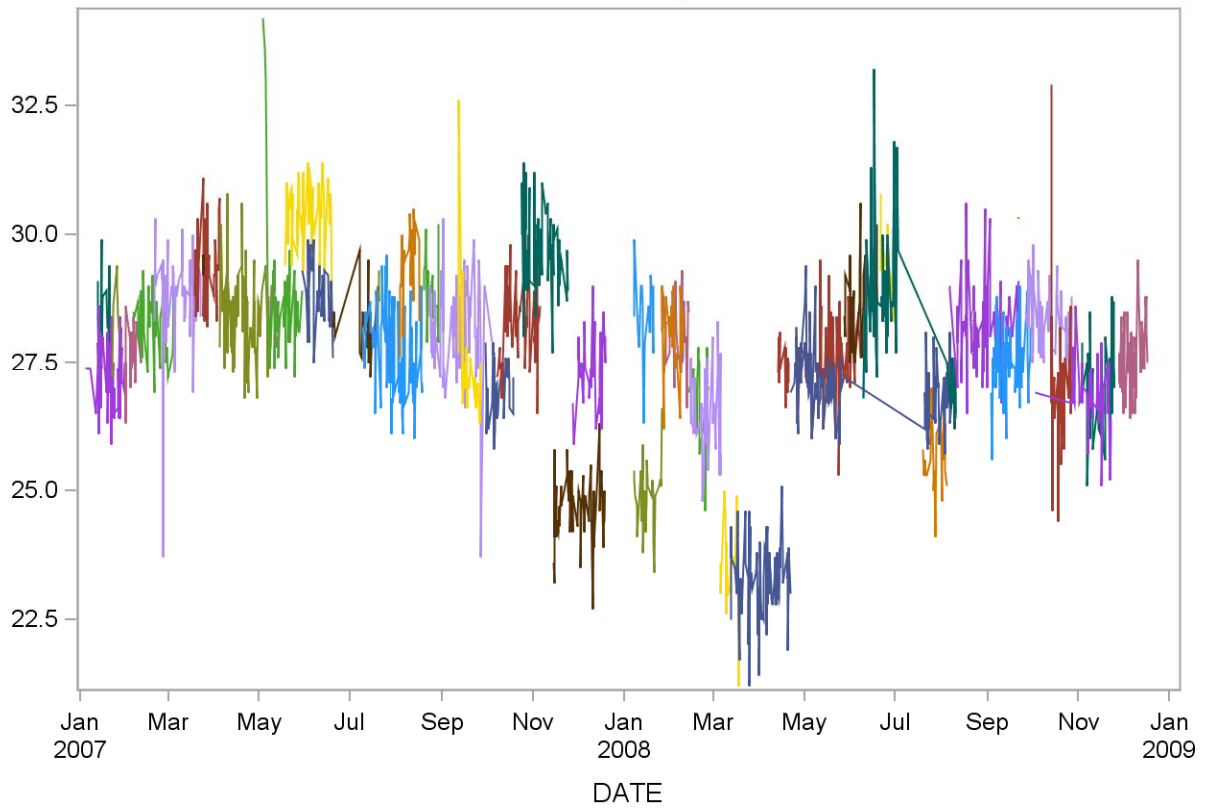
Lymphocyte (%) (Abn II)
2007-2008 Quality Control



**Lymphocyte (%) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	27.3036	0.6227	2.3
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	28.4529	0.6606	2.3
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	28.4500	0.7635	2.7
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	27.7320	0.5383	1.9
881400_07	45	05FEB07:17:25:00	04MAR07:13:38:00	28.3111	0.5532	2.0
881500_07	49	19FEB07:14:27:00	22MAR07:17:30:00	28.8122	0.9789	3.4
882000_07	48	18MAR07:11:25:00	04APR07:15:56:00	29.4000	0.6826	2.3
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	29.4800	0.1643	0.6
882700_07	84	04APR07:14:12:00	07MAY07:08:36:00	28.4595	0.7914	2.8
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	28.8326	1.4506	5.0
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	28.2857	0.5429	1.9
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	30.3255	0.6325	2.1
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	28.8645	0.6333	2.2
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	28.1842	0.6619	2.3
884600_07	79	09JUL07:10:49:00	18AUG07:13:16:00	27.7253	0.8413	3.0
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	28.6750	0.6344	2.2
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	29.4095	0.7784	2.6
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	28.8294	0.6687	2.3
885400_07	73	22AUG07:11:56:00	04OCT07:08:31:00	28.1712	0.9166	3.3
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	27.3923	1.2076	4.4
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	26.9467	0.5941	2.2
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	28.3152	0.7777	2.7
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	29.6750	0.7847	2.6
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	24.6549	0.6751	2.7
887300_07	34	27NOV07:13:37:00	19DEC07:13:27:00	27.3794	0.7121	2.6
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	28.3952	0.7446	2.6
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	24.9097	0.6498	2.6
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	28.1909	0.6059	2.1
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	27.9880	0.7091	2.5
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	26.8429	0.7346	2.7
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	26.5275	0.8268	3.1
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	23.4700	0.8736	3.7
889400_08	83	12MAR08:11:28:00	21APR08:08:41:00	23.2735	0.7038	3.0
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	27.4333	0.4559	1.7
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	27.5280	0.7684	2.8
881900_08	99	25APR08:15:45:00	10AUG08:13:54:00	26.9535	0.5596	2.1
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	27.4152	0.7300	2.7
880600_08	39	27MAY08:18:14:00	18JUN08:14:04:00	28.8564	0.7122	2.5
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	28.5039	1.4067	4.9
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	28.8878	1.2855	4.5
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	29.3111	0.6211	2.1
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	25.6826	0.6753	2.6
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	28.2329	0.7667	2.7
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	27.5078	0.6942	2.5
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	28.4016	0.6010	2.1
884100_08	46	02OCT08:14:31:00	22NOV08:13:52:00	26.8652	0.6540	2.4
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	26.8824	1.3969	5.2
883900_08	39	03NOV08:11:45:00	24NOV08:18:33:00	26.9744	0.8711	3.2
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	27.5935	0.6262	2.3

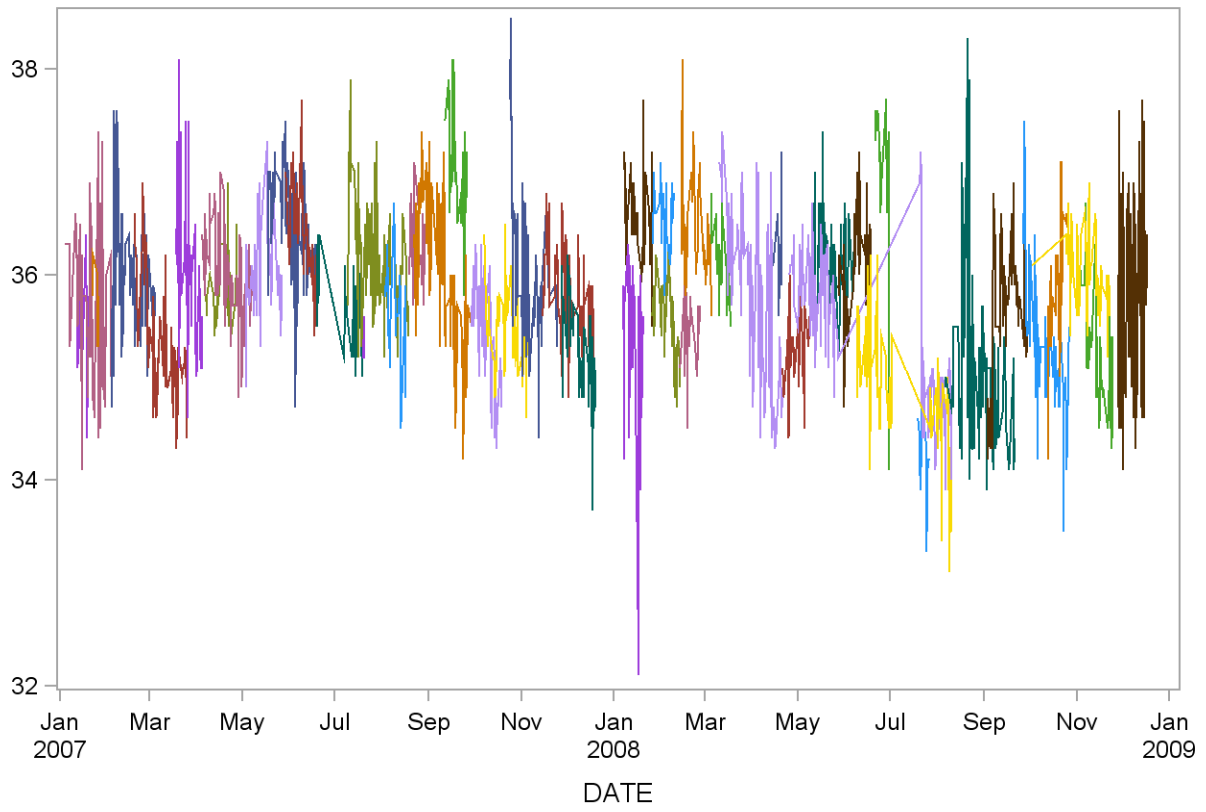
Lymphocyte (%) (Normal)
2007-2008 Quality Control



**MCHC (g/dL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	53	04JAN07:11:40:00	03FEB07:13:35:00	35.7547	0.7943	2.2
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	35.4800	0.4384	1.2
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	35.7571	0.3409	1.0
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	35.9694	0.5476	1.5
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	35.3123	0.5967	1.7
873100_07	49	18MAR07:11:28:00	04APR07:15:54:00	36.0939	0.7771	2.2
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	36.0661	0.4555	1.3
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	35.8897	0.3707	1.0
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	36.1324	0.5403	1.5
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	36.4727	0.5529	1.5
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	36.5457	0.5690	1.6
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	35.6650	0.4626	1.3
875200_07	80	09JUL07:10:50:00	18AUG07:13:17:00	36.1838	0.5492	1.5
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	35.3500	0.1915	0.5
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	35.6600	0.4914	1.4
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	36.3421	0.3820	1.1
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	35.9890	0.7253	2.0
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	37.1094	0.5044	1.4
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	35.3706	0.5724	1.6
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	35.5000	0.4103	1.2
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	36.0722	0.7791	2.2
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	35.7776	0.4718	1.3
877800_07	37	27NOV07:13:35:00	19DEC07:13:26:00	35.3054	0.5349	1.5
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	35.3080	0.9224	2.6
878300_08	40	07JAN08:13:26:00	26JAN08:09:34:00	36.6600	0.4260	1.2
878800_08	33	26JAN08:10:30:00	13FEB08:09:32:00	35.5121	0.3951	1.1
878900_08	26	26JAN08:12:12:00	09FEB08:14:28:00	36.5808	0.3112	0.9
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	35.4000	0.3590	1.0
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	36.4371	0.5504	1.5
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	36.1190	0.4501	1.2
879900_08	88	10MAR08:11:11:00	21APR08:08:45:00	35.8170	0.7996	2.2
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	36.1700	0.4620	1.3
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	35.2821	0.4173	1.2
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	35.4469	0.7051	2.0
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	36.0031	0.4392	1.2
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	36.0583	0.5326	1.5
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	34.7575	0.6991	2.0
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	35.1292	0.4829	1.4
872000_08	24	21JUN08:09:11:00	30JUN08:13:37:00	37.1042	0.7357	2.0
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	34.1909	0.3859	1.1
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	35.1061	0.9203	2.6
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	35.6245	0.6694	1.9
873500_08	69	26SEP08:13:26:00	27OCT08:11:22:00	35.2522	0.5614	1.6
874100_08	51	02OCT08:14:32:00	22NOV08:13:56:00	36.0745	0.4004	1.1
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	35.8600	0.6279	1.8
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	35.1943	0.5657	1.6
874600_08	70	28NOV08:09:51:00	17DEC08:08:36:00	35.9257	0.9630	2.7

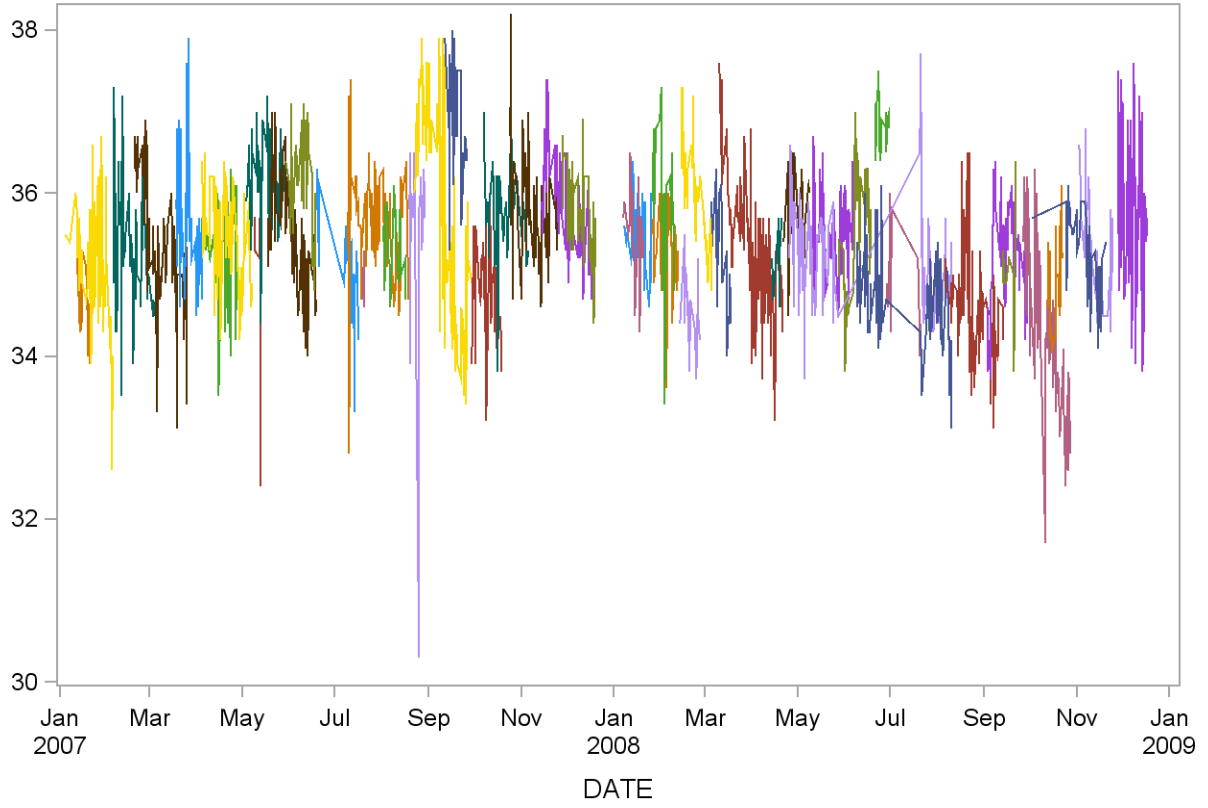
MCHC (g/dL) (Abn I)
2007-2008 Quality Control



**MCHC (g/dL) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	35.0737	0.7934	2.3
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	34.6882	0.4567	1.3
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	35.3052	0.7380	2.1
863600_07	59	19FEB07:14:31:00	25MAR07:17:21:00	35.3271	0.7828	2.2
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	35.7615	0.7998	2.2
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	35.4352	0.5835	1.6
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	35.1967	0.6682	1.9
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	36.1867	0.5212	1.4
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	34.9000	1.1215	3.2
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	35.5415	0.7252	2.0
865500_07	33	29MAY07:17:53:00	19JUN07:08:53:00	36.2061	0.5645	1.6
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	35.1158	0.6882	2.0
866200_07	80	09JUL07:12:01:00	18AUG07:13:18:00	35.6363	0.6341	1.8
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	34.9250	0.3304	0.9
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	35.3476	0.4250	1.2
866700_07	20	19AUG07:08:42:00	29AUG07:13:23:00	35.5300	1.3476	3.8
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	35.8208	1.2947	3.6
867300_07	37	11SEP07:19:08:00	26SEP07:09:51:00	36.9649	0.6771	1.8
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	34.8088	0.6047	1.7
867700_07	43	07OCT07:15:12:00	05NOV07:09:16:00	35.8000	0.5598	1.6
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	35.9418	0.7712	2.1
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	35.7365	0.6426	1.8
868500_07	41	27NOV07:13:36:00	19DEC07:13:28:00	35.7902	0.5911	1.7
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	35.5125	0.5416	1.5
868900_08	39	07JAN08:13:27:00	25JAN08:13:19:00	35.4667	0.4257	1.2
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	35.2182	0.4959	1.4
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	35.9500	0.8860	2.5
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	34.4842	0.4488	1.3
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	35.9105	0.6324	1.8
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	35.1600	0.6378	1.8
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	35.2806	0.7805	2.2
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	35.2889	0.4045	1.1
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	35.8083	0.4995	1.4
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	35.2330	0.6849	1.9
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	35.4337	0.5342	1.5
861700_08	38	27MAY08:18:16:00	18JUN08:08:40:00	35.5632	0.7361	2.1
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	34.7916	0.5732	1.6
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	35.0120	0.4745	1.4
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	36.8500	0.3055	0.8
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	34.8786	0.5899	1.7
863400_08	81	06AUG08:11:18:00	13SEP08:08:36:00	34.5358	0.6705	1.9
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	35.2130	0.6346	1.8
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	35.1667	0.6485	1.8
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	34.3344	1.0064	2.9
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	35.2944	0.5025	1.4
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	34.9385	0.5170	1.5
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	35.3342	0.6999	2.0
865200_08	56	28NOV08:09:50:00	17DEC08:08:38:00	35.8161	0.9559	2.7

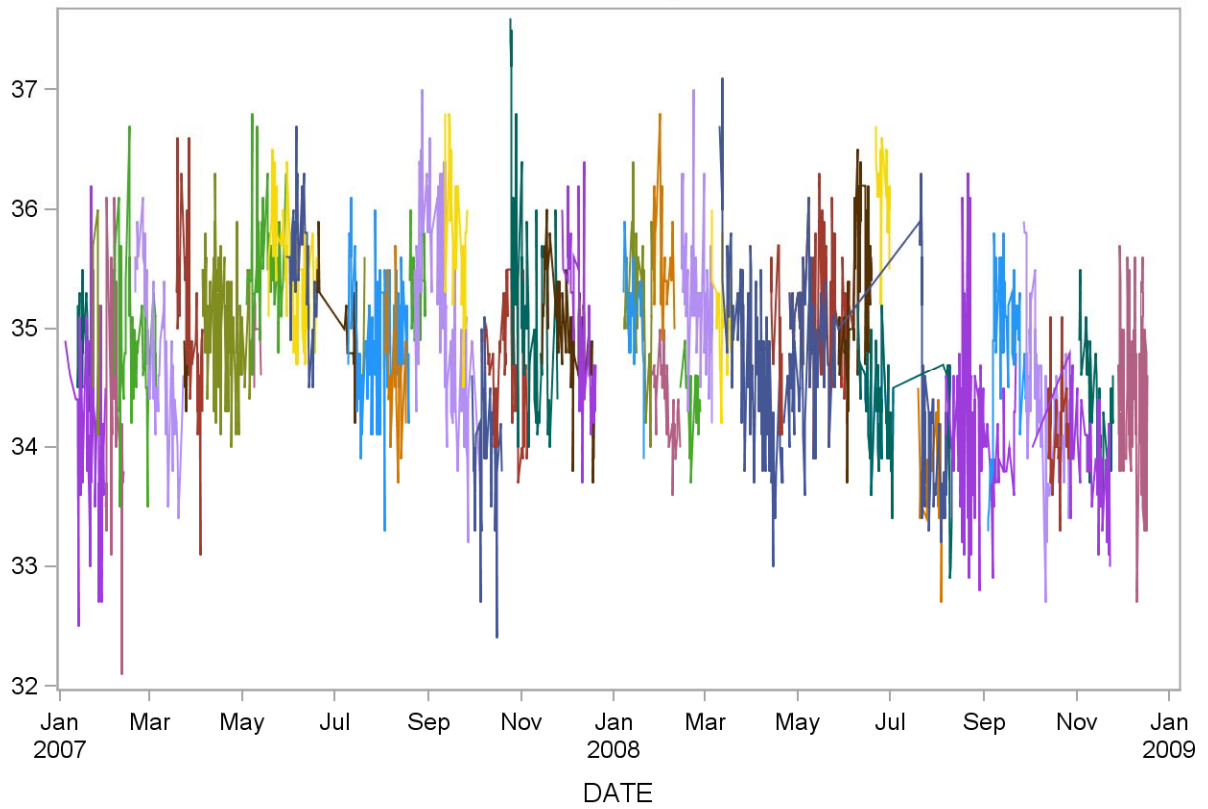
MCHC (g/dL) (Abn II)
2007-2008 Quality Control



MCHC (g/dL) (Normal)
Summary Statistics

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	34.1255	0.7558	2.2
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	34.8471	0.3693	1.1
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	34.9667	0.7840	2.2
881300_07	24	30JAN07:17:50:00	11FEB07:13:41:00	34.3458	0.9744	2.8
881400_07	47	05FEB07:17:25:00	04MAR07:14:23:00	34.8404	0.5807	1.7
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	34.7824	0.6176	1.8
882000_07	46	18MAR07:11:27:00	04APR07:15:56:00	35.1543	0.7179	2.0
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	34.6200	0.2280	0.7
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	34.9706	0.4894	1.4
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	35.5907	0.4498	1.3
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	34.9429	0.2936	0.8
883400_07	56	18MAY07:11:36:00	18JUN07:17:37:00	35.4875	0.4452	1.3
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	35.5903	0.5095	1.4
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	35.0421	0.4059	1.2
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	34.8536	0.4981	1.4
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	35.1000	0.5354	1.5
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	34.7048	0.5343	1.5
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	35.3059	0.3152	0.9
885400_07	74	22AUG07:11:56:00	04OCT07:08:31:00	35.2824	0.8737	2.5
885800_07	27	11SEP07:19:21:00	26SEP07:09:53:00	35.8481	0.5591	1.6
886000_07	31	29SEP07:13:30:00	18OCT07:13:56:00	34.0290	0.6246	1.8
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	34.6783	0.4779	1.4
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	35.2357	0.8800	2.5
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	34.9882	0.4902	1.4
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	35.0500	0.6610	1.9
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	35.0957	0.3890	1.1
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	35.3000	0.4993	1.4
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	34.3030	0.3678	1.1
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	35.6120	0.4333	1.2
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	34.3905	0.3032	0.9
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	35.3550	0.6013	1.7
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	35.1650	0.4107	1.2
889400_08	86	10MAR08:11:09:00	21APR08:08:41:00	34.7198	0.7622	2.2
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	35.0583	0.5600	1.6
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	34.5080	0.4082	1.2
881900_08	100	25APR08:15:45:00	10AUG08:13:54:00	34.6080	0.7022	2.0
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	35.1239	0.4752	1.4
880600_08	38	27MAY08:18:14:00	18JUN08:14:04:00	35.3711	0.6641	1.9
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	34.2963	0.5021	1.5
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	34.3727	0.4088	1.2
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	36.1722	0.3801	1.1
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	33.7542	0.3945	1.2
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	34.1722	0.7392	2.2
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	34.8235	0.6276	1.8
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	34.3710	0.6055	1.8
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	33.9064	0.4285	1.3
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	34.2029	0.3794	1.1
883900_08	40	02NOV08:11:51:00	24NOV08:18:33:00	34.3200	0.4879	1.4
884700_08	61	28NOV08:09:49:00	17DEC08:08:35:00	34.4590	0.6495	1.9

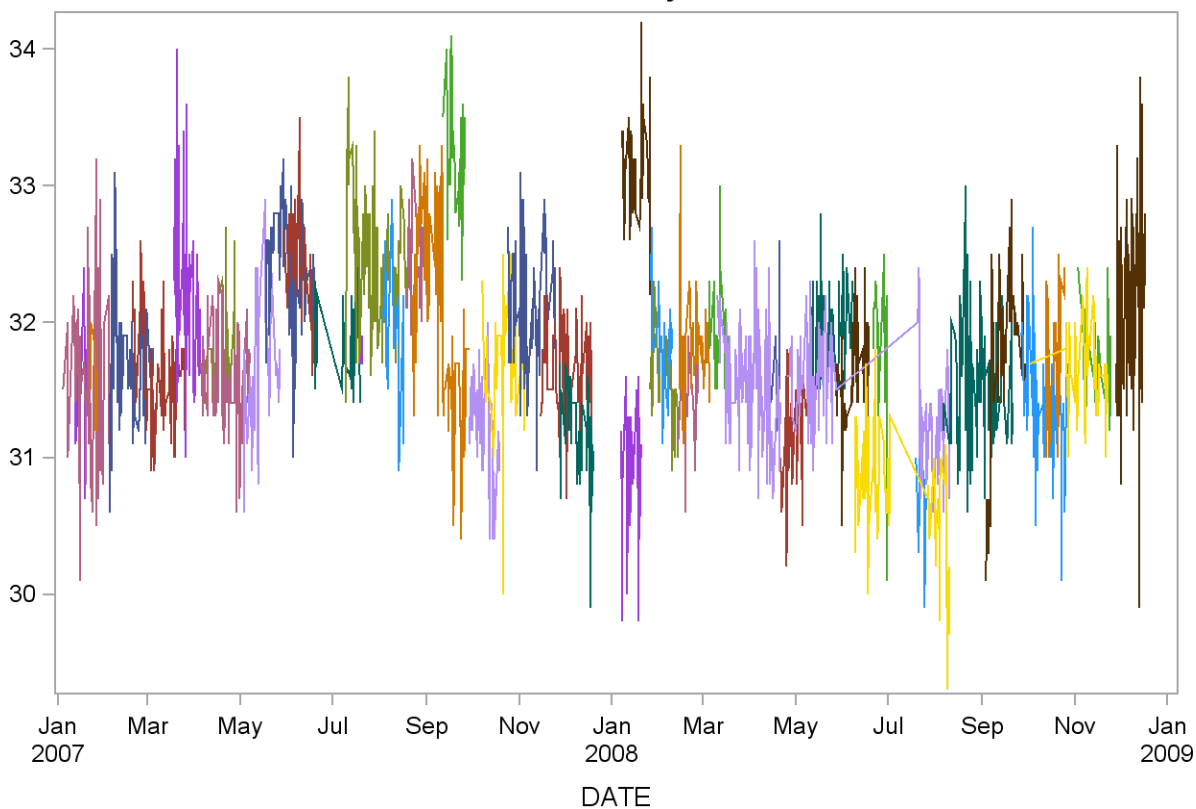
MCHC (g/dL) (Normal)
2007-2008 Quality Control



**Mean cell hemoglobin (pg) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	53	04JAN07:11:40:00	03FEB07:13:35:00	31.5981	0.6594	2.1
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	31.4850	0.3602	1.1
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	31.5857	0.3078	1.0
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	31.6806	0.4109	1.3
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	31.5965	0.3955	1.3
873100_07	49	18MAR07:11:28:00	04APR07:15:54:00	32.2653	0.6479	2.0
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	31.6017	0.3496	1.1
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	31.8103	0.3648	1.1
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	31.6765	0.5710	1.8
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	32.3782	0.4158	1.3
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	32.5000	0.4570	1.4
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	31.8500	0.3380	1.1
875200_07	80	09JUL07:10:50:00	18AUG07:13:17:00	32.4513	0.4781	1.5
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	31.7750	0.0957	0.3
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	31.9450	0.4513	1.4
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	32.5105	0.3365	1.0
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	32.0137	0.7375	2.3
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	33.2500	0.4080	1.2
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	31.1647	0.4044	1.3
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	31.6796	0.4406	1.4
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	32.1259	0.4331	1.3
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	31.6245	0.3683	1.2
877800_07	37	27NOV07:13:35:00	19DEC07:13:26:00	31.1946	0.3704	1.2
878400_08	24	07JAN08:08:38:00	20JAN08:13:23:00	30.8958	0.5246	1.7
878300_08	40	07JAN08:13:26:00	26JAN08:09:34:00	33.2150	0.4004	1.2
878800_08	33	26JAN08:10:30:00	13FEB08:09:32:00	31.5182	0.3025	1.0
878900_08	26	26JAN08:12:12:00	09FEB08:14:28:00	31.8808	0.3555	1.1
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	31.4263	0.3462	1.1
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	31.8343	0.4072	1.3
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	31.8905	0.3740	1.2
879900_08	88	10MAR08:11:11:00	21APR08:08:45:00	31.5466	0.4144	1.3
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	31.6300	0.4057	1.3
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	31.1750	0.4006	1.3
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	31.4337	0.3831	1.2
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	31.7439	0.3644	1.1
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	31.6056	0.3957	1.3
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	30.6588	0.5088	1.7
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	30.9000	0.3667	1.2
872000_08	23	21JUN08:09:11:00	30JUN08:13:37:00	31.9261	0.5020	1.6
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	30.6273	0.3259	1.1
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	31.4976	0.4521	1.4
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	31.6633	0.6769	2.1
873500_08	69	26SEP08:13:26:00	27OCT08:11:22:00	31.3884	0.4265	1.4
874100_08	51	02OCT08:14:32:00	22NOV08:13:56:00	31.6608	0.3281	1.0
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	31.7229	0.4152	1.3
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	31.6943	0.3134	1.0
874600_08	70	28NOV08:09:51:00	17DEC08:08:36:00	32.1814	0.7129	2.2

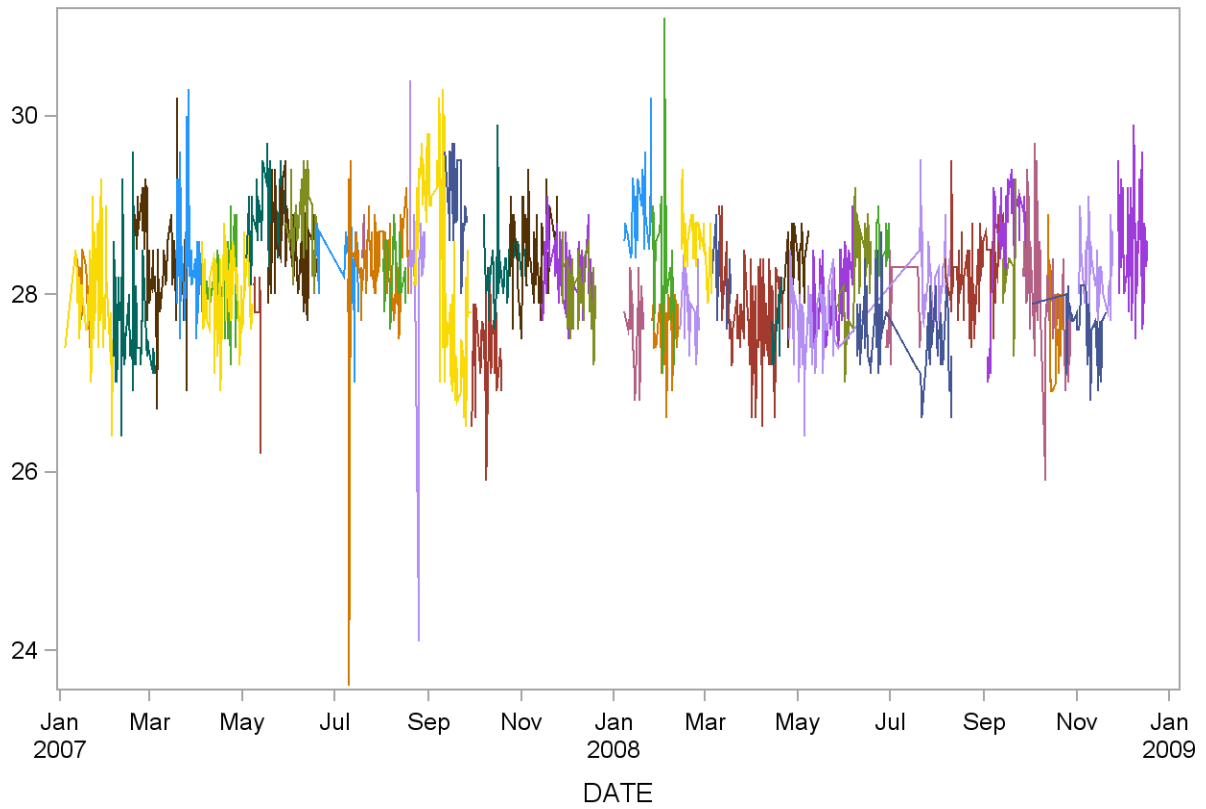
Mean cell hemoglobin (pg) (Abn I)
2007-2008 Quality Control



**Mean cell hemoglobin (pg) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	27.9351	0.5762	2.1
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	28.0294	0.3312	1.2
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	27.6414	0.5613	2.0
863600_07	59	19FEB07:14:31:00	25MAR07:17:21:00	28.3610	0.5408	1.9
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	28.5308	0.6121	2.1
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	27.9741	0.4331	1.5
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	28.0800	0.4723	1.7
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	28.9089	0.3476	1.2
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	27.6400	0.6720	2.4
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	28.5962	0.4450	1.6
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	28.8469	0.3943	1.4
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	28.2947	0.4275	1.5
866200_07	79	09JUL07:12:01:00	18AUG07:13:18:00	28.3418	0.6646	2.3
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	28.6250	0.2630	0.9
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	28.2952	0.3248	1.1
866700_07	20	19AUG07:08:42:00	29AUG07:13:23:00	28.3400	1.1123	3.9
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	28.3458	1.0385	3.7
867300_07	37	11SEP07:19:08:00	26SEP07:09:51:00	29.1162	0.3855	1.3
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	27.3676	0.4714	1.7
867700_07	43	07OCT07:15:12:00	05NOV07:09:16:00	28.3651	0.3957	1.4
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	28.4782	0.4328	1.5
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	28.2212	0.3483	1.2
868500_07	41	27NOV07:13:36:00	19DEC07:13:28:00	28.0341	0.3575	1.3
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	27.6750	0.4057	1.5
868900_08	39	07JAN08:13:27:00	25JAN08:13:19:00	28.9897	0.3810	1.3
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	27.6030	0.3302	1.2
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	28.4308	0.8657	3.0
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	27.7842	0.3625	1.3
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	28.5474	0.3327	1.2
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	28.1650	0.3216	1.1
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	27.7538	0.4777	1.7
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	27.7667	0.3279	1.2
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	28.3542	0.3647	1.3
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	27.8653	0.4245	1.5
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	27.9698	0.5073	1.8
861700_08	38	27MAY08:18:16:00	18JUN08:08:40:00	28.2421	0.5238	1.9
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	27.6277	0.4258	1.5
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	27.7680	0.3904	1.4
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	28.5188	0.2562	0.9
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	27.7429	0.4071	1.5
863400_08	81	06AUG08:11:18:00	13SEP08:08:36:00	28.2259	0.4052	1.4
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	28.6111	0.5732	2.0
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	28.3000	0.5187	1.8
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	28.0531	0.6554	2.3
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	27.6389	0.3306	1.2
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	27.6240	0.5246	1.9
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	28.2711	0.3416	1.2
865200_08	56	28NOV08:09:50:00	17DEC08:08:38:00	28.6018	0.5303	1.9

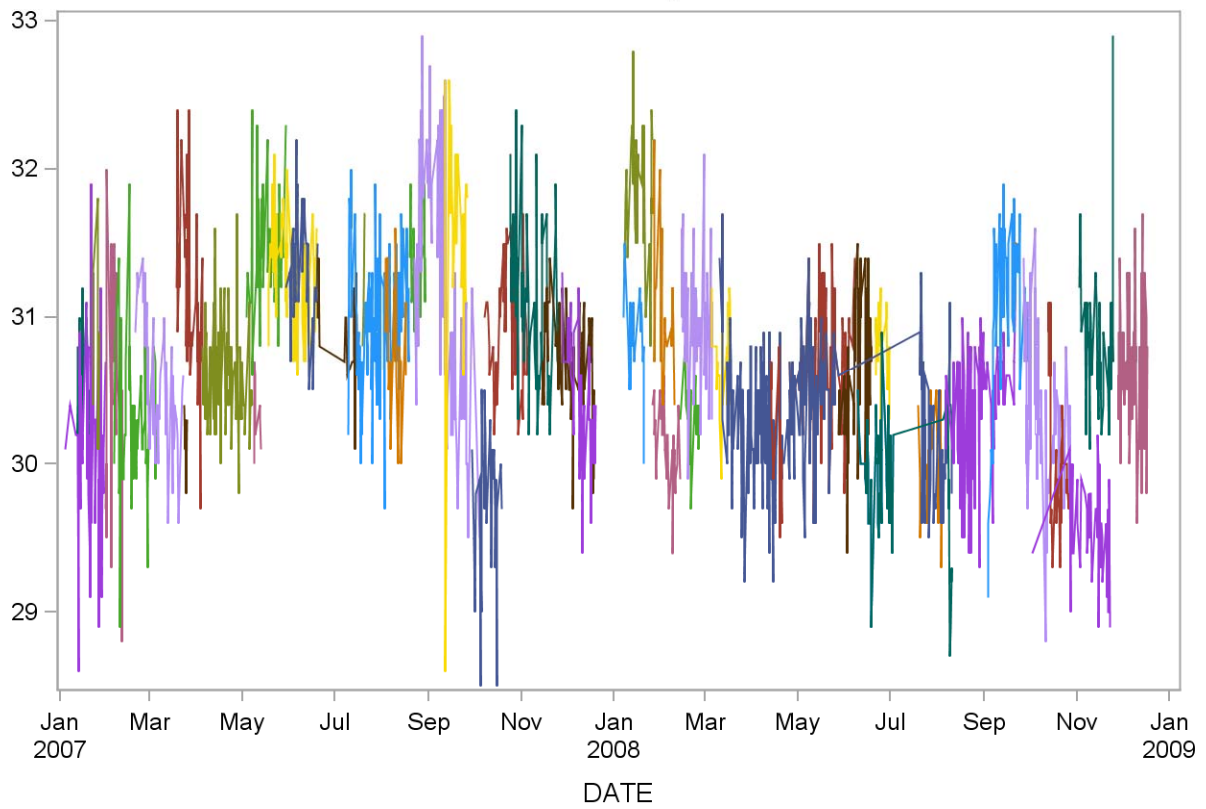
Mean cell hemoglobin (pg) (Abn II)
2007-2008 Quality Control



**Mean cell hemoglobin (pg) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	30.1145	0.6314	2.1
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	30.5412	0.3519	1.2
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	30.7667	0.6919	2.2
881300_07	24	30JAN07:17:50:00	11FEB07:13:41:00	30.5000	0.7774	2.5
881400_07	47	05FEB07:17:25:00	04MAR07:14:23:00	30.2638	0.4993	1.6
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	30.5706	0.4406	1.4
882000_07	46	18MAR07:11:27:00	04APR07:15:56:00	31.2848	0.5789	1.9
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	30.1800	0.2387	0.8
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	30.6141	0.3434	1.1
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	31.4698	0.4115	1.3
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	30.3286	0.2563	0.8
883400_07	56	18MAY07:11:36:00	18JUN07:17:37:00	31.3018	0.3424	1.1
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	31.3387	0.3792	1.2
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	30.8632	0.3077	1.0
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	30.9667	0.4402	1.4
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	31.3250	0.4500	1.4
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	30.8333	0.4683	1.5
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	31.3529	0.2787	0.9
885400_07	73	22AUG07:11:56:00	04OCT07:08:31:00	31.3110	0.8829	2.8
885800_07	27	11SEP07:19:21:00	26SEP07:09:53:00	31.6704	0.7760	2.5
886000_07	31	29SEP07:13:30:00	18OCT07:13:56:00	29.7484	0.5182	1.7
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	30.9500	0.3982	1.3
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	31.1446	0.5205	1.7
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	30.7196	0.3628	1.2
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	30.4722	0.4347	1.4
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	30.8609	0.2966	1.0
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	31.8387	0.4326	1.4
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	30.0697	0.3087	1.0
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	31.0680	0.4785	1.5
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	30.3190	0.2562	0.8
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	30.9900	0.4567	1.5
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	30.6850	0.3468	1.1
889400_08	86	10MAR08:11:09:00	21APR08:08:41:00	30.2930	0.4537	1.5
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	30.2667	0.4292	1.4
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	30.2960	0.3813	1.3
881900_08	100	25APR08:15:45:00	10AUG08:13:54:00	30.3810	0.4059	1.3
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	30.6348	0.3904	1.3
880600_08	38	27MAY08:18:14:00	18JUN08:14:04:00	30.6763	0.5080	1.7
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	29.9185	0.4198	1.4
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	29.9773	0.3443	1.1
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	30.7667	0.3106	1.0
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	29.9542	0.3162	1.1
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	30.3759	0.4371	1.4
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	31.0451	0.6224	2.0
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	30.3532	0.5040	1.7
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	29.5383	0.3281	1.1
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	30.0088	0.4686	1.6
883900_08	40	02NOV08:11:51:00	24NOV08:18:33:00	30.8050	0.4930	1.6
884700_08	61	28NOV08:09:49:00	17DEC08:08:35:00	30.6623	0.4286	1.4

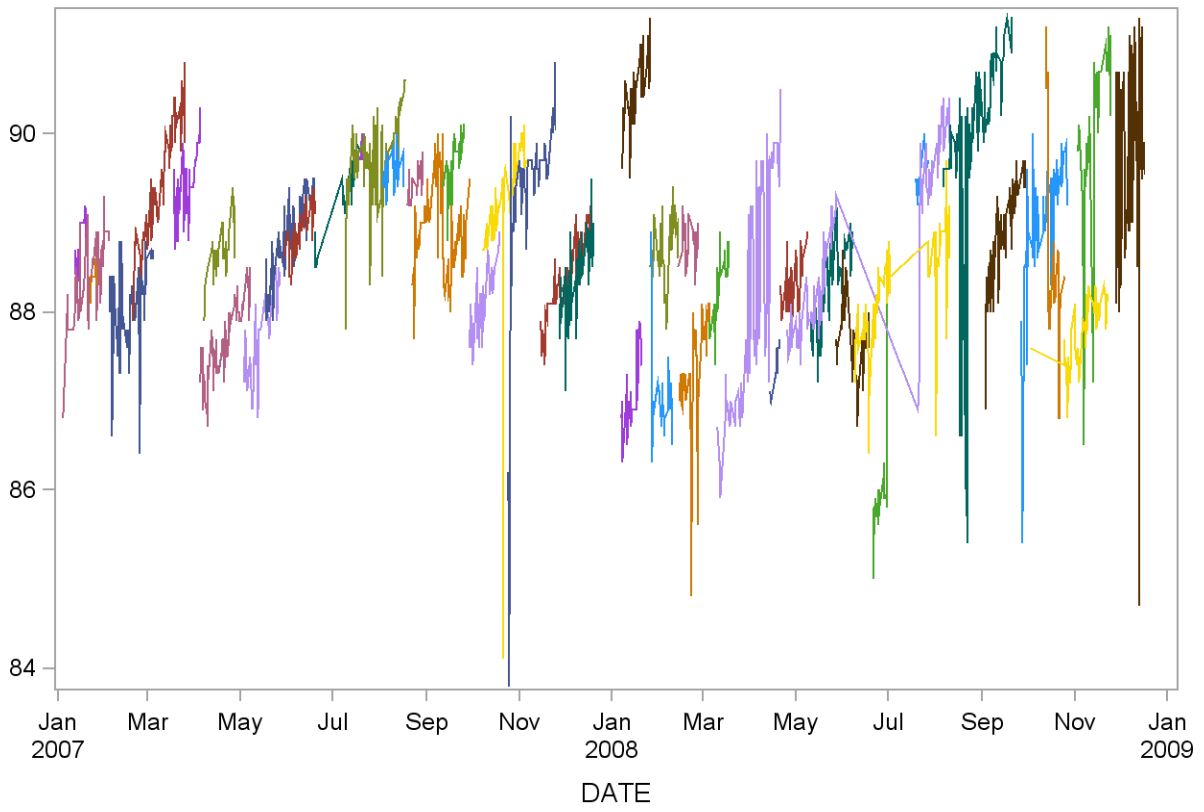
**Mean cell hemoglobin (pg) (Normal)
2007-2008 Quality Control**



**Mean cell volume (fL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	53	04JAN07:11:40:00	03FEB07:13:35:00	88.3774	0.4223	0.5
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	88.7350	0.2540	0.3
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	88.3714	0.1604	0.2
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	88.0645	0.4919	0.6
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	89.4737	0.6581	0.7
873100_07	50	18MAR07:11:28:00	04APR07:15:54:00	89.3780	0.3792	0.4
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	87.6271	0.4374	0.5
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	88.6483	0.3101	0.3
874000_07	35	03MAY07:10:41:00	27MAY07:08:42:00	87.6686	0.4720	0.5
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	88.8000	0.4501	0.5
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	88.9343	0.2869	0.3
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	89.2650	0.4416	0.5
875200_07	80	09JUL07:10:50:00	18AUG07:13:17:00	89.6888	0.4837	0.5
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	89.8250	0.1500	0.2
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	89.5900	0.2075	0.2
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	89.4421	0.2036	0.2
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	88.9411	0.5131	0.6
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	89.6156	0.3234	0.4
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	88.1029	0.3904	0.4
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	89.2347	0.8418	0.9
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	89.1074	1.4084	1.6
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	88.3939	0.4706	0.5
877800_07	37	27NOV07:13:35:00	19DEC07:13:26:00	88.3730	0.5020	0.6
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	87.1320	0.4507	0.5
878300_08	40	07JAN08:13:26:00	26JAN08:09:34:00	90.5625	0.3920	0.4
878800_08	33	26JAN08:10:30:00	13FEB08:09:32:00	88.7273	0.3736	0.4
878900_08	26	26JAN08:12:12:00	09FEB08:14:28:00	87.1654	0.6776	0.8
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	88.7842	0.2478	0.3
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	87.3600	0.7632	0.9
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	88.2905	0.3910	0.4
879900_08	88	10MAR08:11:11:00	21APR08:08:45:00	88.0989	1.2376	1.4
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	87.4200	0.2394	0.3
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	88.3357	0.3176	0.4
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	88.1612	0.4744	0.5
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	88.6898	0.9412	1.1
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	87.7028	0.4178	0.5
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	87.9542	0.4816	0.5
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	88.2150	0.6226	0.7
872000_08	23	21JUN08:09:11:00	30JUN08:13:37:00	85.9652	0.5967	0.7
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	89.5818	0.2316	0.3
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	89.7476	1.5159	1.7
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	88.8673	0.5753	0.6
873500_08	69	26SEP08:13:26:00	27OCT08:11:22:00	89.0290	0.6656	0.7
874100_08	51	02OCT08:14:32:00	22NOV08:13:56:00	87.7686	0.3818	0.4
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	88.4686	1.0646	1.2
873900_08	36	03NOV08:11:44:00	24NOV08:18:31:00	90.0250	1.0385	1.2
874600_08	70	28NOV08:09:51:00	17DEC08:08:36:00	89.5900	1.0827	1.2

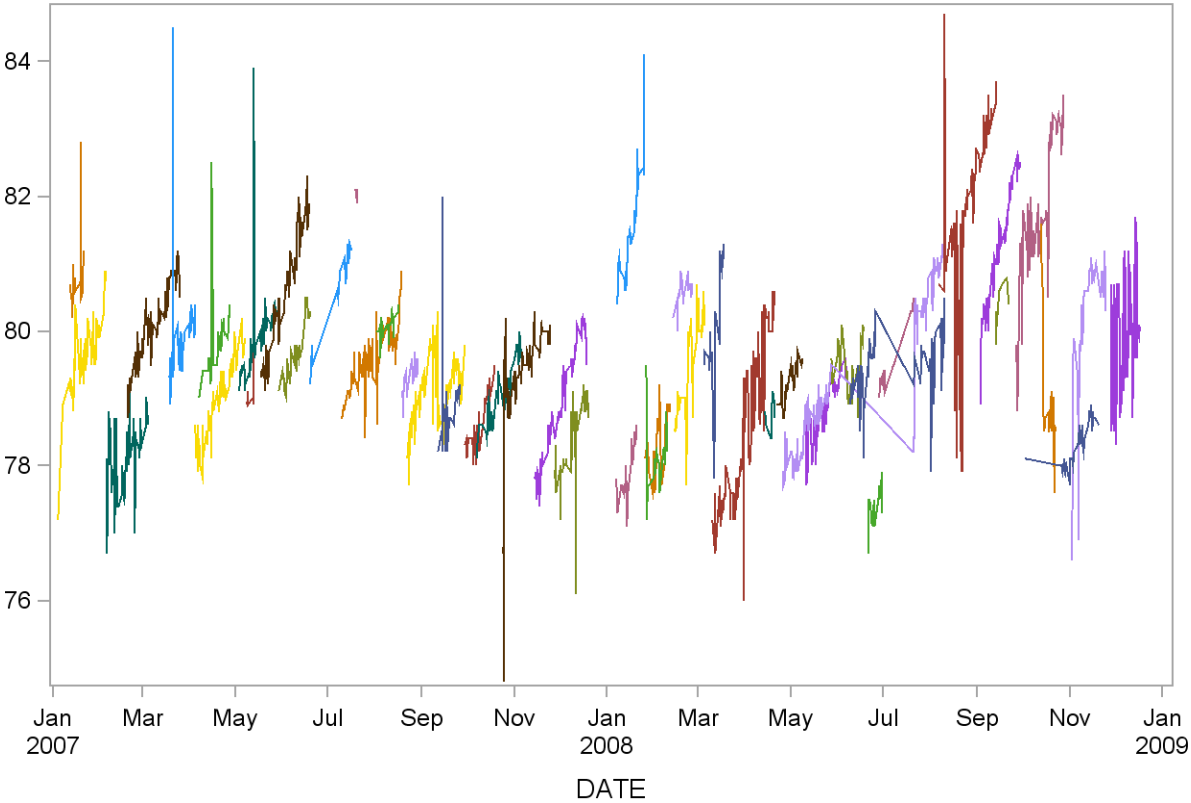
Mean cell volume (fL) (Abn I)
2007-2008 Quality Control



**Mean cell volume (fL) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	79.6737	0.5808	0.7
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	80.8176	0.5604	0.7
863500_07	57	05FEB07:08:40:00	04MAR07:13:39:00	78.1386	0.5596	0.7
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	80.1069	0.5603	0.7
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	79.8173	0.7448	0.9
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	78.9741	0.5896	0.7
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	79.7967	0.6261	0.8
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	79.8933	0.7174	0.9
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	79.2600	0.6381	0.8
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	80.4830	0.8722	1.1
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	79.6344	0.4440	0.6
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	80.5684	0.7103	0.9
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	79.6000	0.4527	0.6
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	82.0250	0.0957	0.1
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	80.0714	0.1821	0.2
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	79.2947	0.2438	0.3
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	79.1250	0.5291	0.7
867300_07	37	11SEP07:19:08:00	26SEP07:09:51:00	78.7973	0.7444	0.9
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	78.6088	0.4025	0.5
867700_07	42	07OCT07:15:12:00	05NOV07:09:16:00	79.0095	0.4853	0.6
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	79.2236	1.0705	1.4
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	78.9827	0.8169	1.0
868500_07	41	27NOV07:13:36:00	19DEC07:13:28:00	78.3341	0.6948	0.9
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	77.9208	0.3890	0.5
868900_08	39	07JAN08:13:27:00	25JAN08:13:19:00	81.7513	0.9428	1.2
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	78.3848	0.4229	0.5
869500_08	24	26JAN08:12:15:00	09FEB08:14:31:00	78.1708	0.5879	0.8
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	80.5789	0.2175	0.3
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	79.5158	0.7800	1.0
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	80.1050	0.8894	1.1
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	78.6785	1.1462	1.5
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	78.7556	0.2506	0.3
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	79.1958	0.2789	0.4
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	78.6173	0.5036	0.6
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	79.3726	1.1571	1.5
861700_08	38	27MAY08:18:16:00	18JUN08:08:40:00	79.4000	0.3594	0.5
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	79.3380	0.4228	0.5
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	79.4410	0.4978	0.6
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	77.3938	0.2816	0.4
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	79.5643	0.5444	0.7
863400_08	81	06AUG08:11:18:00	13SEP08:08:36:00	81.7691	1.4092	1.7
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	81.2704	0.8695	1.1
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	80.4167	0.3129	0.4
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	81.7109	0.9805	1.2
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	78.3167	0.3317	0.4
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	79.0520	0.9975	1.3
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	80.0395	1.2193	1.5
865200_08	56	28NOV08:09:50:00	17DEC08:08:38:00	79.8786	0.8692	1.1

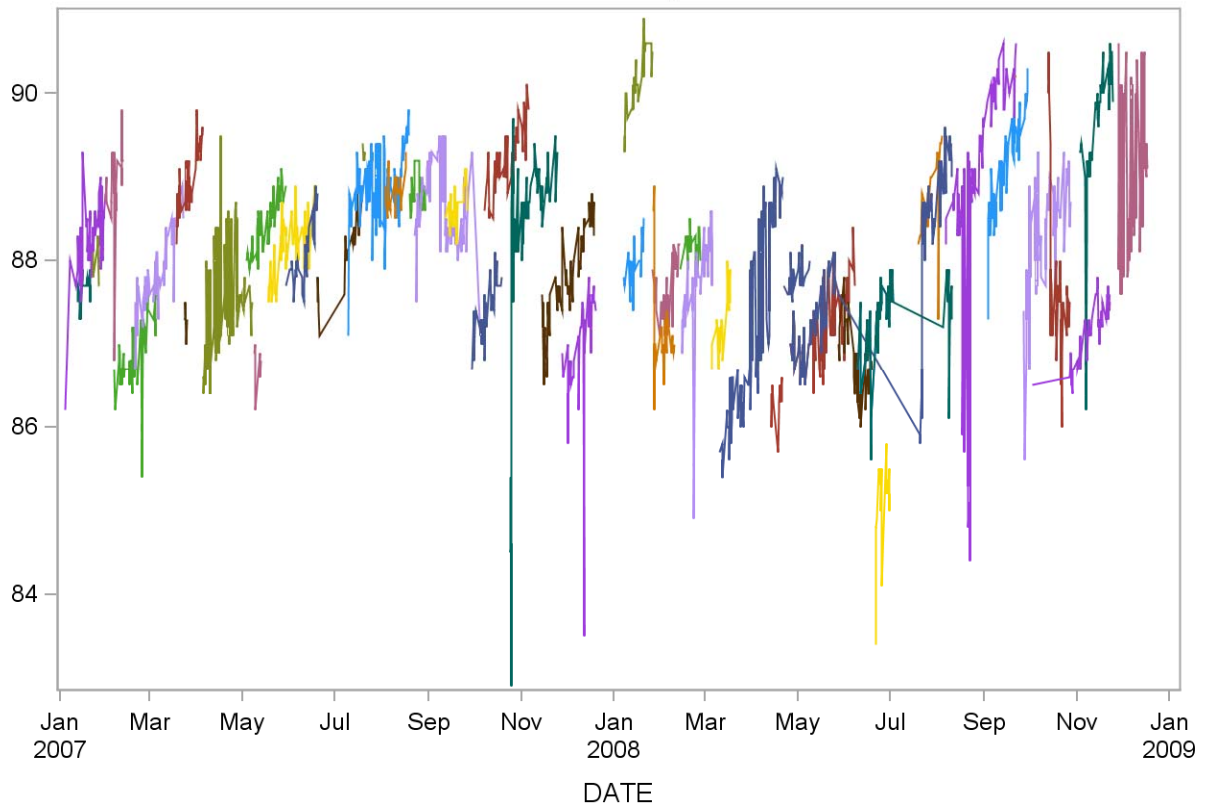
Mean cell volume (fL) (Abn II)
2007-2008 Quality Control



**Mean cell volume (fL) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	88.2236	0.4509	0.5
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	87.6529	0.1736	0.2
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	87.9667	0.2658	0.3
881300_07	24	30JAN07:17:50:00	11FEB07:13:41:00	88.8708	0.5353	0.6
881400_07	47	05FEB07:17:25:00	04MAR07:14:23:00	86.8766	0.3869	0.4
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	87.9137	0.4600	0.5
882000_07	46	18MAR07:11:27:00	04APR07:15:56:00	88.9804	0.3462	0.4
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	87.2800	0.1789	0.2
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	87.5447	0.6555	0.7
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	88.4163	0.3366	0.4
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	86.7571	0.2760	0.3
883400_07	56	18MAY07:11:36:00	18JUN07:17:37:00	88.2000	0.3903	0.4
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	88.0387	0.3765	0.4
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	88.0684	0.4738	0.5
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	88.8702	0.4301	0.5
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	89.2750	0.0957	0.1
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	88.8333	0.2244	0.3
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	88.7882	0.2233	0.3
885400_07	73	22AUG07:11:56:00	04OCT07:08:31:00	88.7082	0.4841	0.5
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	88.6577	0.2369	0.3
886000_07	31	29SEP07:13:30:00	18OCT07:13:56:00	87.3871	0.3509	0.4
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	89.2239	0.3883	0.4
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	88.4089	1.2273	1.4
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	87.8020	0.5428	0.6
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	86.9472	0.7655	0.9
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	87.9304	0.2930	0.3
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	90.1710	0.3752	0.4
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	87.6576	0.3410	0.4
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	87.2440	0.6627	0.8
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	88.1619	0.2012	0.2
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	87.6550	0.7211	0.8
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	87.2700	0.3658	0.4
889400_08	86	10MAR08:11:09:00	21APR08:08:41:00	87.2872	1.1150	1.3
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	86.2833	0.2406	0.3
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	87.7960	0.1744	0.2
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	87.2239	0.4160	0.5
881900_08	100	25APR08:15:45:00	10AUG08:13:54:00	87.7910	0.9282	1.1
880600_08	39	27MAY08:18:14:00	18JUN08:14:04:00	86.7538	0.4418	0.5
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	87.2386	0.4601	0.5
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	87.2574	0.4705	0.5
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	85.0722	0.5644	0.7
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	88.7542	0.5748	0.6
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	88.9013	1.4145	1.6
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	89.1529	0.5601	0.6
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	88.2968	0.6895	0.8
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	87.1064	0.3715	0.4
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	87.7676	1.0739	1.2
883900_08	39	02NOV08:11:51:00	24NOV08:09:25:00	89.6359	0.7703	0.9
884700_08	61	28NOV08:09:49:00	17DEC08:08:35:00	88.9934	0.8884	1.0

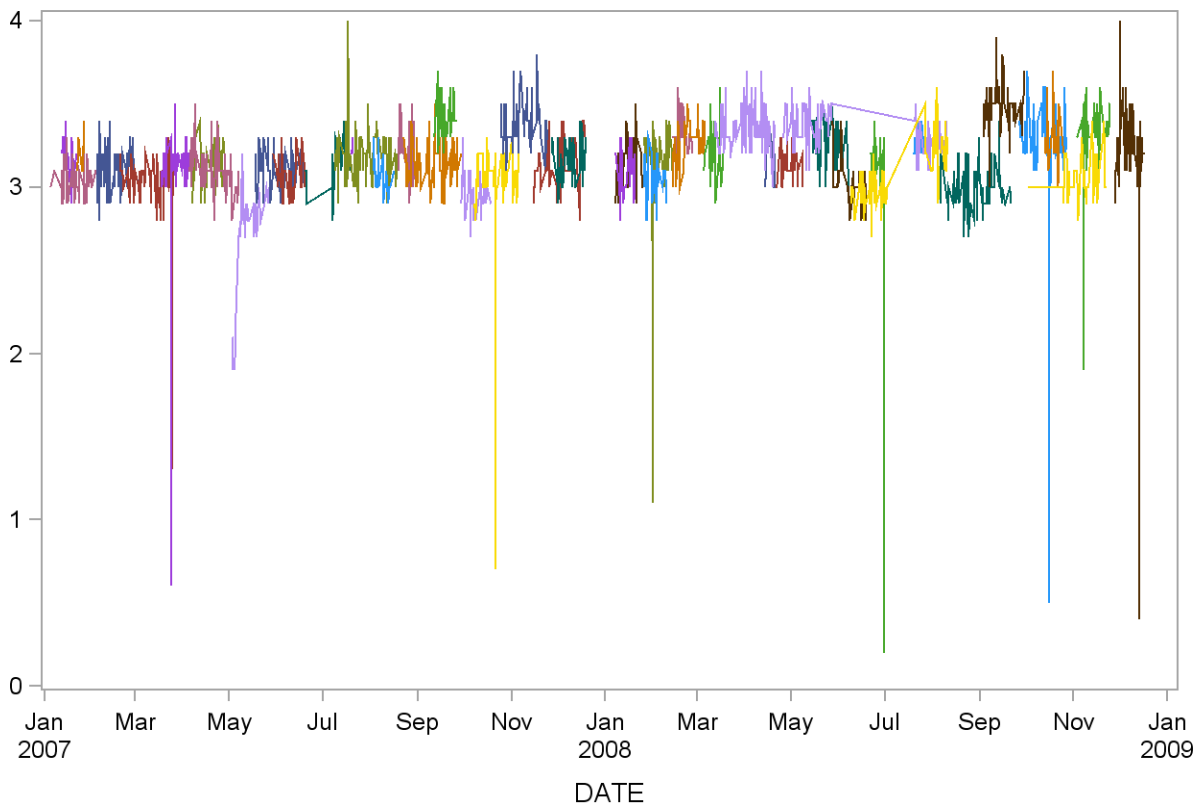
**Mean cell volume (fL) (Normal)
2007-2008 Quality Control**



**Monocyte No. (10³ cells/uL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	3.0393	0.0985	3.2
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	3.1900	0.1119	3.5
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	3.2000	0.1155	3.6
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	3.1153	0.1297	4.2
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	3.0088	0.2537	8.4
873100_07	52	18MAR07:11:28:00	04APR07:15:54:00	3.1000	0.3694	11.9
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	3.1085	0.1343	4.3
873500_07	28	07APR07:08:47:00	27APR07:13:46:00	3.1393	0.1449	4.6
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	2.7029	0.3442	12.7
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	3.1000	0.1089	3.5
874500_07	34	29MAY07:17:51:00	19JUN07:08:52:00	3.0529	0.1237	4.1
874600_07	19	19JUN07:12:37:00	19JUL07:08:45:00	3.1526	0.1504	4.8
875200_07	76	09JUL07:10:50:00	18AUG07:13:17:00	3.1882	0.1600	5.0
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	3.2250	0.0500	1.6
875600_07	19	03AUG07:08:50:00	16AUG07:13:54:00	3.0632	0.1165	3.8
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	3.2421	0.1710	5.3
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	3.1438	0.1280	4.1
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	3.4188	0.1203	3.5
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	2.9706	0.1219	4.1
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	3.0306	0.3589	11.8
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	3.3667	0.1454	4.3
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	3.1490	0.1474	4.7
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	3.1600	0.1288	4.1
878400_08	24	07JAN08:08:38:00	20JAN08:13:23:00	3.0958	0.1488	4.8
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	3.1390	0.1321	4.2
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	3.1469	0.3935	12.5
878900_08	24	26JAN08:12:12:00	09FEB08:14:28:00	3.0542	0.1382	4.5
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	3.3211	0.1316	4.0
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	3.2771	0.1330	4.1
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	3.1952	0.1687	5.3
879900_08	85	12MAR08:11:26:00	21APR08:08:45:00	3.3612	0.1283	3.8
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	3.1300	0.1059	3.4
870400_08	27	21APR08:09:06:00	08MAY08:13:46:00	3.1259	0.1095	3.5
870800_08	97	25APR08:15:29:00	07JUN08:09:04:00	3.3268	0.1335	4.0
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	3.3306	0.1222	3.7
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	3.0167	0.1502	5.0
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	2.9771	0.0994	3.3
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	3.0775	0.1706	5.5
872000_08	24	21JUN08:09:11:00	30JUN08:13:37:00	2.9250	0.8295	28.4
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	3.2727	0.0786	2.4
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	3.0012	0.1374	4.6
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	3.4837	0.1477	4.2
873500_08	67	26SEP08:13:26:00	27OCT08:11:22:00	3.2627	0.3680	11.3
874100_08	49	02OCT08:14:32:00	22NOV08:13:56:00	3.0592	0.1290	4.2
873800_08	33	13OCT08:11:21:00	25OCT08:09:43:00	3.3152	0.1460	4.4
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	3.3257	0.2801	8.4
874600_08	68	28NOV08:09:51:00	17DEC08:08:36:00	3.2029	0.3867	12.1

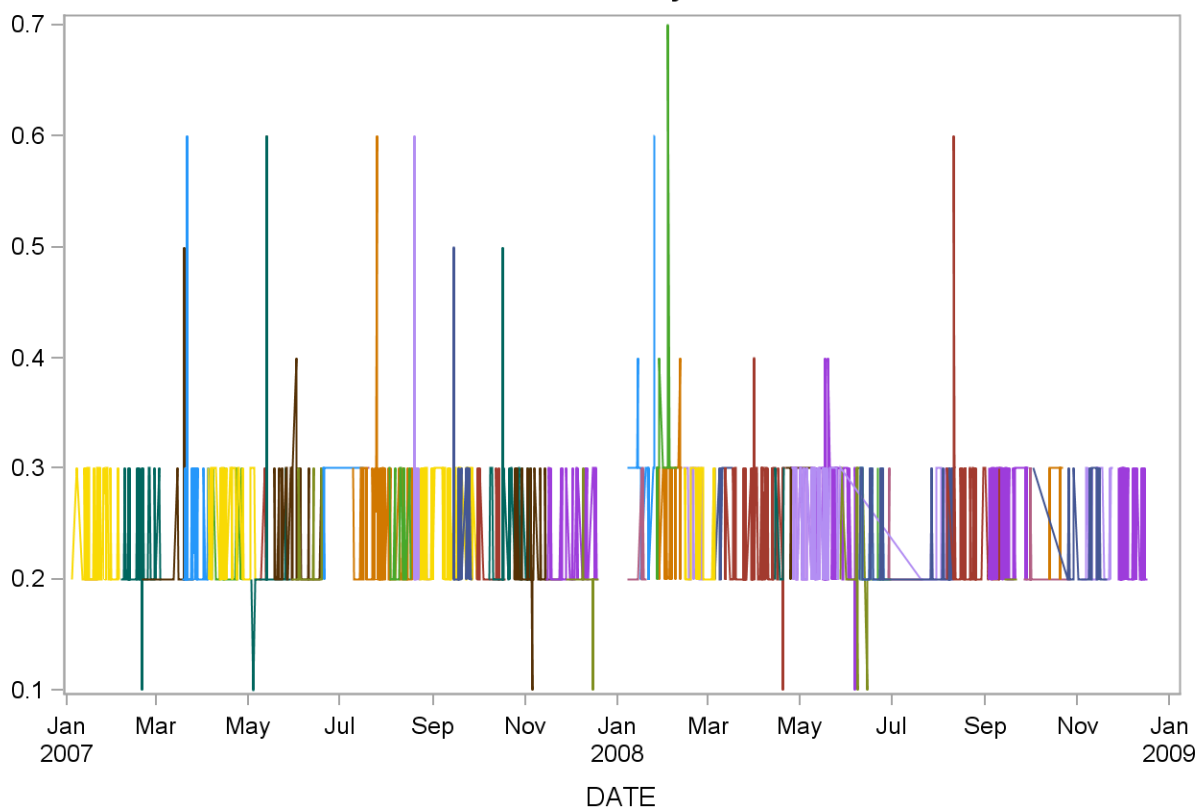
Monocyte No. (10^3 cells/uL) (Abn I)
2007-2008 Quality Control



**Monocyte No. (10³ cells/uL) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	0.2368	0.0487	20.5
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	0.2000	0.0000	0.0
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	0.2172	0.0425	19.5
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	0.2069	0.0413	20.0
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	0.2327	0.0678	29.1
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	0.2519	0.0504	20.0
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	0.2241	0.0435	19.4
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	0.2067	0.0654	31.6
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	0.2900	0.1449	50.0
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	0.2269	0.0490	21.6
865500_07	31	29MAY07:17:53:00	19JUN07:08:53:00	0.2097	0.0301	14.3
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	0.2941	0.0243	8.2
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	0.2372	0.0626	26.4
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	0.3000	0.0000	0.0
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	0.2381	0.0498	20.9
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	0.2421	0.0961	39.7
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	0.2514	0.0503	20.0
867300_07	30	14SEP07:10:11:00	26SEP07:09:51:00	0.2400	0.0814	33.9
867400_07	32	29SEP07:13:29:00	18OCT07:13:52:00	0.2125	0.0336	15.8
867700_07	42	07OCT07:15:12:00	05NOV07:09:16:00	0.2357	0.0618	26.2
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	0.2127	0.0388	18.2
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	0.2340	0.0479	20.4
868500_07	40	27NOV07:13:36:00	19DEC07:13:28:00	0.2000	0.0226	11.3
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	0.2125	0.0338	15.9
868900_08	35	07JAN08:13:27:00	25JAN08:13:19:00	0.3171	0.0857	27.0
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	0.2818	0.0465	16.5
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	0.3308	0.1123	34.0
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	0.2632	0.0496	18.8
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	0.2324	0.0475	20.4
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	0.2800	0.0410	14.7
860600_08	89	12MAR08:11:21:00	21APR08:08:43:00	0.2461	0.0565	23.0
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	0.2333	0.0500	21.4
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	0.2958	0.0204	6.9
862900_08	88	25APR08:15:30:00	10AUG08:13:59:00	0.2398	0.0492	20.5
861400_08	96	25APR08:15:30:00	07JUN08:09:20:00	0.2573	0.0557	21.7
861700_08	33	27MAY08:18:16:00	18JUN08:08:40:00	0.2212	0.0545	24.7
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	0.2190	0.0396	18.1
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	0.2194	0.0402	18.3
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	0.2067	0.0258	12.5
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	0.2071	0.0267	12.9
863400_08	77	06AUG08:11:18:00	10SEP08:13:37:00	0.2403	0.0634	26.4
863600_08	53	03SEP08:11:15:00	29SEP08:08:38:00	0.2604	0.0494	19.0
863900_08	10	13SEP08:09:49:00	21SEP08:13:54:00	0.2000	0.0000	0.0
864100_08	63	26SEP08:13:29:00	27OCT08:13:48:00	0.2032	0.0177	8.7
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	0.2222	0.0422	19.0
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	0.2920	0.0277	9.5
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	0.2611	0.0494	18.9
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	0.2281	0.0453	19.9

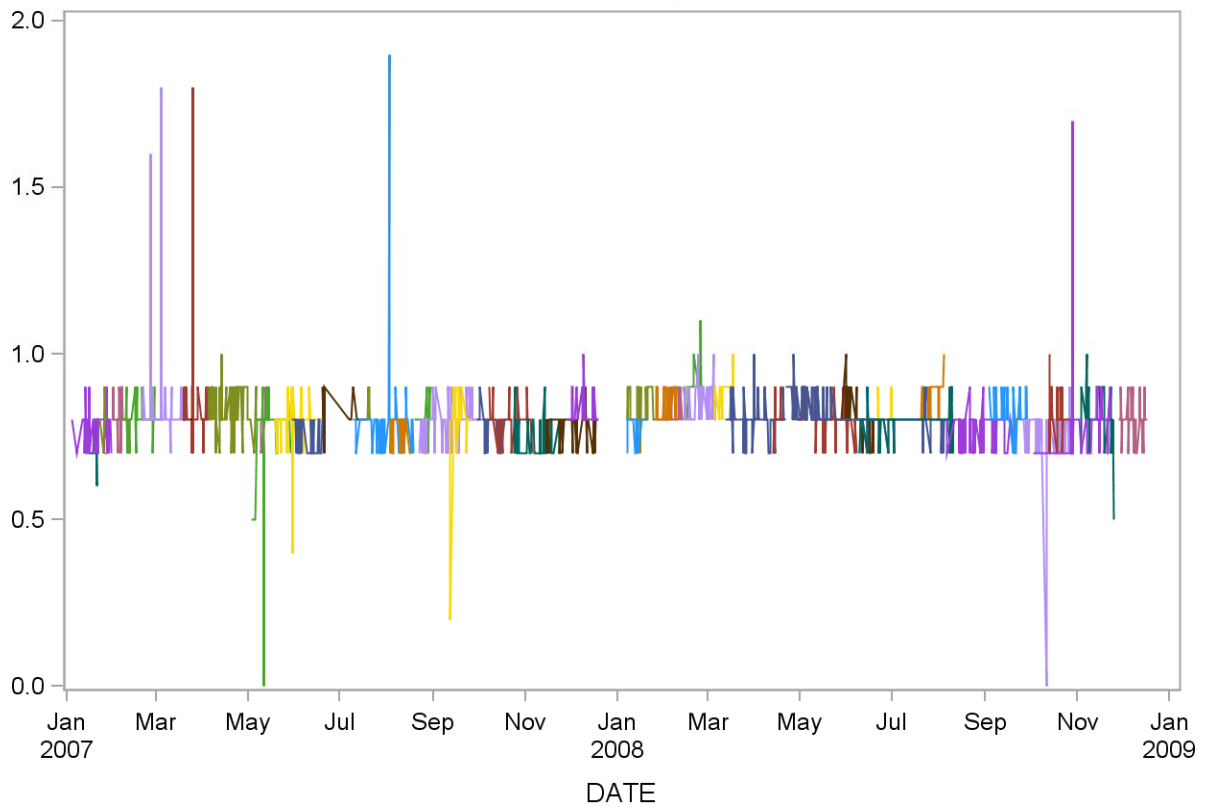
Monocyte No. (10³ cells/uL) (Abn II)
2007-2008 Quality Control



**Monocyte No. (10³ cells/uL) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	0.7691	0.0573	7.5
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	0.7529	0.0624	8.3
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	0.8000	0.0632	7.9
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	0.8000	0.0577	7.2
881400_07	44	05FEB07:17:25:00	04MAR07:13:38:00	0.8045	0.0480	6.0
881500_07	50	19FEB07:14:27:00	22MAR07:17:30:00	0.8460	0.1809	21.4
882000_07	49	18MAR07:11:25:00	04APR07:15:56:00	0.8306	0.1489	17.9
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	0.8000	0.0000	0.0
882700_07	84	04APR07:14:12:00	07MAY07:08:36:00	0.8262	0.0604	7.3
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	0.7442	0.1790	24.1
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	0.8000	0.0577	7.2
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	0.7891	0.0737	9.3
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	0.7484	0.0508	6.8
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	0.8158	0.0501	6.1
884600_07	80	09JUL07:10:49:00	18AUG07:13:16:00	0.7938	0.1344	16.9
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	0.8500	0.0577	6.8
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	0.7571	0.0507	6.7
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	0.8059	0.0429	5.3
885400_07	72	22AUG07:11:56:00	04OCT07:08:31:00	0.7931	0.0565	7.1
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	0.7846	0.1287	16.4
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	0.7800	0.0484	6.2
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	0.8000	0.0471	5.9
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	0.7321	0.0543	7.4
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	0.7765	0.0473	6.1
887300_07	34	27NOV07:13:37:00	19DEC07:13:27:00	0.8235	0.0496	6.0
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	0.7762	0.0436	5.6
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	0.8387	0.0558	6.7
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	0.8152	0.0364	4.5
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	0.8440	0.0507	6.0
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	0.9048	0.0590	6.5
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	0.8600	0.0591	6.9
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	0.8850	0.0489	5.5
889400_08	83	12MAR08:11:28:00	21APR08:08:41:00	0.8024	0.0493	6.1
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	0.8000	0.0603	7.5
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	0.8680	0.0557	6.4
880200_08	91	25APR08:15:45:00	07JUN08:08:52:00	0.8088	0.0486	6.0
881900_08	98	25APR08:15:45:00	10AUG08:13:54:00	0.8102	0.0442	5.5
880600_08	38	27MAY08:18:14:00	18JUN08:14:04:00	0.8053	0.0613	7.6
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	0.7878	0.0400	5.1
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	0.7922	0.0483	6.1
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	0.8111	0.0323	4.0
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	0.8739	0.0541	6.2
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	0.7747	0.0493	6.4
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	0.8118	0.0588	7.2
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	0.7524	0.1090	14.5
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	0.7872	0.1483	18.8
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	0.8118	0.0640	7.9
883900_08	39	03NOV08:11:45:00	24NOV08:18:33:00	0.8128	0.0864	10.6
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	0.7968	0.0478	6.0

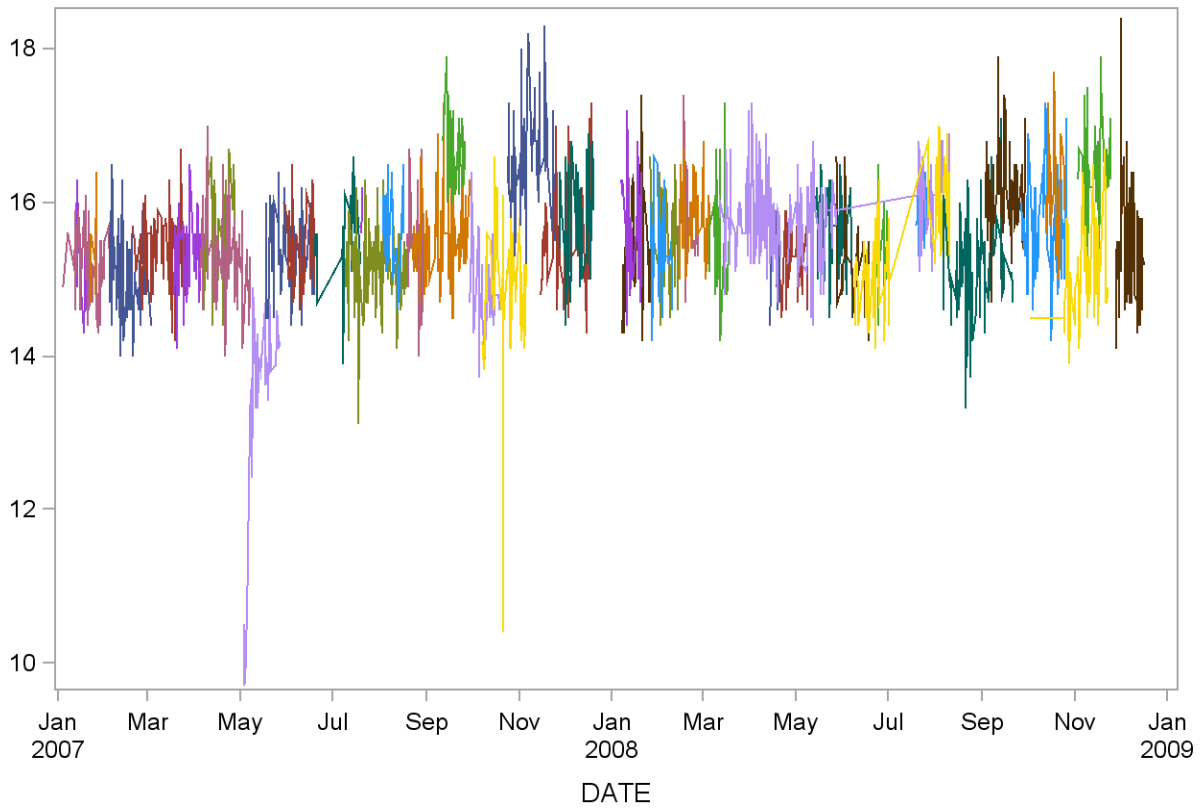
Monocyte No. (10^3 cells/uL) (Normal)
2007-2008 Quality Control



**Monocyte (%) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	15.2018	0.4494	3.0
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	15.1900	0.5170	3.4
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	15.4143	0.5786	3.8
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	15.0475	0.5354	3.6
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	15.3439	0.4873	3.2
873100_07	51	18MAR07:11:28:00	04APR07:15:54:00	15.2804	0.4490	2.9
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	15.2831	0.5357	3.5
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	15.5897	0.6559	4.2
874000_07	33	03MAY07:10:41:00	27MAY07:08:42:00	13.4000	1.4826	11.1
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	15.3455	0.4891	3.2
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	15.3829	0.4890	3.2
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	15.5800	0.6127	3.9
875200_07	77	09JUL07:10:50:00	18AUG07:13:17:00	15.1519	0.5529	3.6
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	15.9000	0.2944	1.9
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	15.5250	0.5618	3.6
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	15.5632	0.7228	4.6
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	15.5384	0.5517	3.6
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	16.6719	0.4801	2.9
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	14.9176	0.5707	3.8
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	14.9796	0.9167	6.1
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	16.5463	0.6798	4.1
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	15.6367	0.6912	4.4
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	15.7457	0.6617	4.2
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	15.7600	0.7194	4.6
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	15.4341	0.6460	4.2
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	15.5438	0.5924	3.8
878900_08	25	26JAN08:12:12:00	09FEB08:14:28:00	15.3400	0.6083	4.0
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	15.7421	0.5796	3.7
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	15.8086	0.4919	3.1
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	15.5190	0.7373	4.8
879900_08	86	12MAR08:11:26:00	21APR08:08:45:00	15.8488	0.5224	3.3
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	15.2100	0.5152	3.4
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	15.2143	0.4080	2.7
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	15.6633	0.5237	3.3
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	15.8418	0.5187	3.3
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	15.1500	0.5422	3.6
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	15.0542	0.4767	3.2
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	15.4363	0.6783	4.4
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	15.3727	0.4590	3.0
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	15.9091	0.3700	2.3
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	15.1817	0.6346	4.2
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	16.1592	0.5870	3.6
873500_08	68	26SEP08:13:26:00	27OCT08:11:22:00	15.6088	0.6061	3.9
874100_08	50	02OCT08:14:32:00	22NOV08:13:56:00	15.1060	0.6409	4.2
873800_08	34	13OCT08:11:21:00	25OCT08:09:46:00	16.1912	0.5812	3.6
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	16.4971	0.6124	3.7
874600_08	68	28NOV08:09:51:00	17DEC08:08:36:00	15.3397	0.6967	4.5

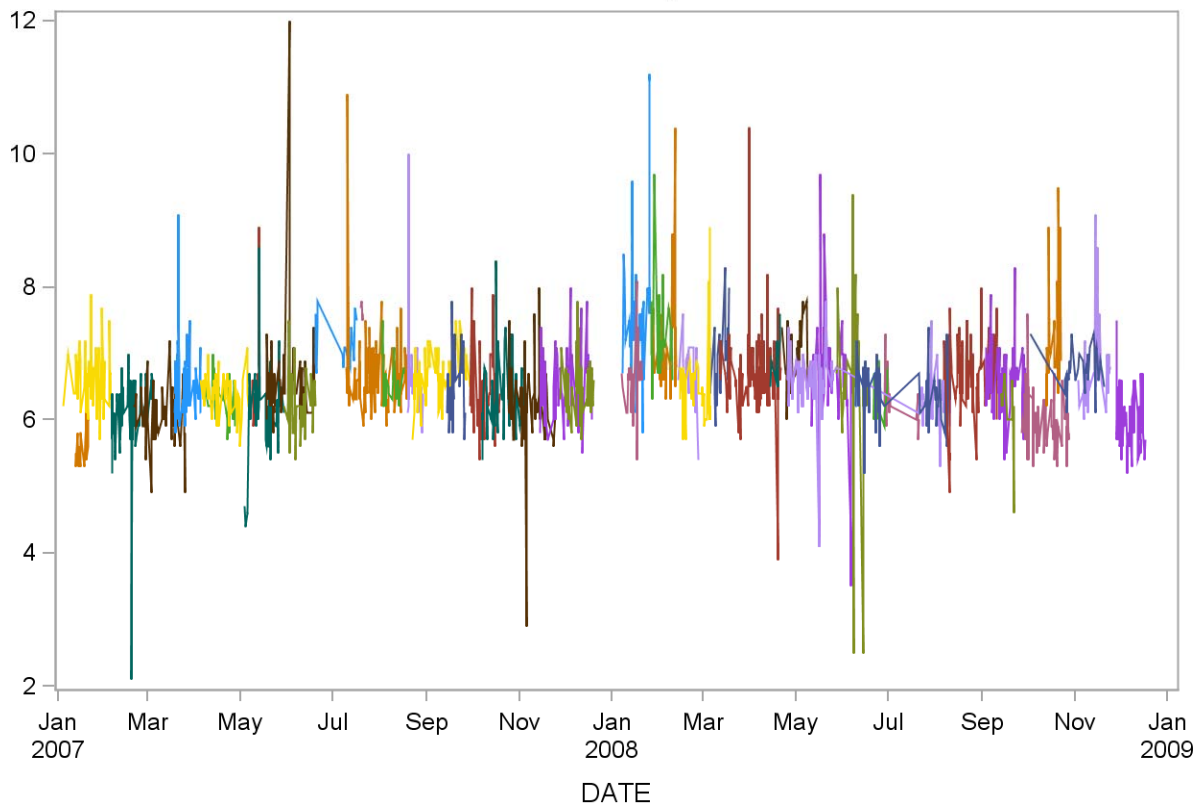
Monocyte (%) (Abn I)
2007-2008 Quality Control



**Monocyte (%) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	6.6596	0.4242	6.4
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	5.6706	0.2995	5.3
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	6.0569	0.6435	10.6
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	6.0845	0.4246	7.0
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	6.5558	0.5489	8.4
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	6.3796	0.3043	4.8
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	6.3034	0.2970	4.7
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	6.0378	0.7393	12.2
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	6.8800	1.0020	14.6
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	6.5981	0.8403	12.7
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	6.2281	0.4595	7.4
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	7.1941	0.3325	4.6
866200_07	79	09JUL07:12:01:00	18AUG07:13:18:00	6.6911	0.6221	9.3
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	7.6500	0.1291	1.7
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	6.5857	0.3425	5.2
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	6.6053	0.8897	13.5
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	6.7083	0.3695	5.5
867300_07	30	14SEP07:10:11:00	26SEP07:09:51:00	6.4767	0.4826	7.5
867400_07	32	29SEP07:13:29:00	18OCT07:13:52:00	6.4813	0.6393	9.9
867700_07	43	07OCT07:15:12:00	05NOV07:09:16:00	6.3674	0.5838	9.2
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	6.2164	0.6582	10.6
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	6.5260	0.5728	8.8
868500_07	40	27NOV07:13:36:00	19DEC07:13:28:00	6.4675	0.4417	6.8
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	6.5792	0.5618	8.5
868900_08	35	07JAN08:13:27:00	25JAN08:13:19:00	7.7943	1.1566	14.8
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	7.1848	0.7665	10.7
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	7.3154	0.6613	9.0
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	6.6737	0.4931	7.4
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	6.4946	0.5995	9.2
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	6.9000	0.5929	8.6
860600_08	89	12MAR08:11:21:00	21APR08:08:43:00	6.7663	0.8319	12.3
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	6.9000	0.3742	5.4
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	6.9667	0.4687	6.7
862900_08	88	25APR08:15:30:00	10AUG08:13:59:00	6.4864	0.4664	7.2
861400_08	96	25APR08:15:30:00	07JUN08:09:20:00	6.6333	0.7108	10.7
861700_08	34	27MAY08:18:16:00	18JUN08:08:40:00	6.4971	1.2342	19.0
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	6.4175	0.4241	6.6
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	6.4484	0.4170	6.5
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	6.4200	0.3468	5.4
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	6.2929	0.4066	6.5
863400_08	77	06AUG08:11:18:00	10SEP08:13:37:00	6.6818	0.5308	7.9
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	6.6056	0.5075	7.7
863900_08	10	13SEP08:09:49:00	21SEP08:13:54:00	6.0900	0.5782	9.5
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	6.0047	0.4127	6.9
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	6.7667	0.2869	4.2
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	7.3538	0.8636	11.7
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	6.8028	0.6069	8.9
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	5.9614	0.4366	7.3

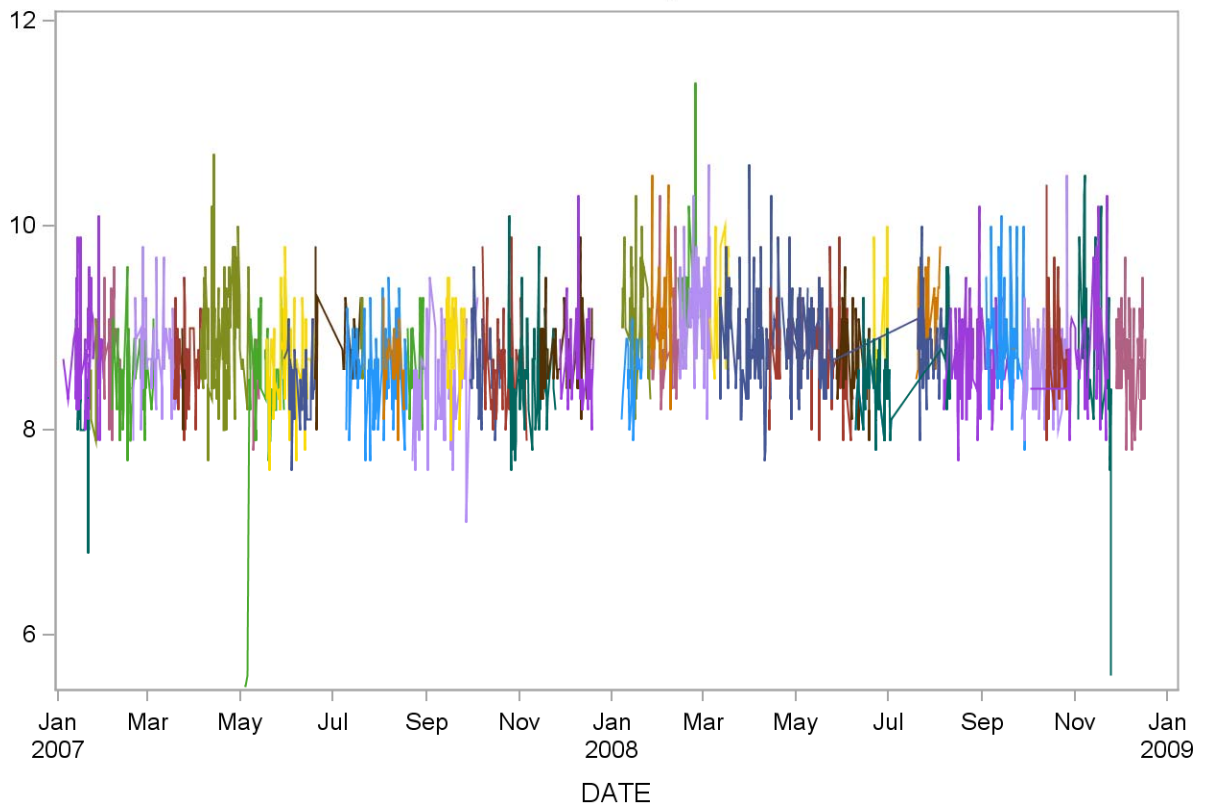
Monocyte (%) (Abn II)
2007-2008 Quality Control



**Monocyte (%) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	8.7709	0.4939	5.6
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	8.2353	0.4769	5.8
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	8.5500	0.4637	5.4
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	8.6840	0.4793	5.5
881400_07	45	05FEB07:17:25:00	04MAR07:13:38:00	8.5111	0.3904	4.6
881500_07	48	19FEB07:14:27:00	22MAR07:17:30:00	8.7104	0.4209	4.8
882000_07	48	18MAR07:11:25:00	04APR07:15:56:00	8.5792	0.3488	4.1
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	8.5200	0.3564	4.2
882700_07	84	04APR07:14:12:00	07MAY07:08:36:00	8.9095	0.5461	6.1
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	8.3116	0.8661	10.4
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	8.5286	0.3817	4.5
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	8.6291	0.4438	5.1
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	8.4419	0.3394	4.0
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	8.8368	0.4258	4.8
884600_07	79	09JUL07:10:49:00	18AUG07:13:16:00	8.5532	0.4141	4.8
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	8.9750	0.3948	4.4
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	8.6524	0.3326	3.8
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	8.6118	0.4182	4.9
885400_07	73	22AUG07:11:56:00	04OCT07:08:31:00	8.4616	0.4672	5.5
885800_07	25	11SEP07:19:21:00	26SEP07:09:53:00	8.8720	0.4128	4.7
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	8.5833	0.3788	4.4
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	8.6370	0.4271	4.9
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	8.4875	0.5138	6.1
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	8.7196	0.3464	4.0
887300_07	34	27NOV07:13:37:00	19DEC07:13:27:00	8.6529	0.4554	5.3
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	8.5476	0.3311	3.9
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	9.1194	0.5382	5.9
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	8.8061	0.4555	5.2
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	9.1600	0.5244	5.7
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	9.3857	0.5695	6.1
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	9.1975	0.5352	5.8
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	9.2850	0.4356	4.7
889400_08	83	12MAR08:11:28:00	21APR08:08:41:00	8.8880	0.4804	5.4
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	8.6583	0.4461	5.2
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	8.9120	0.3655	4.1
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	8.7663	0.3881	4.4
881900_08	99	25APR08:15:45:00	10AUG08:13:54:00	8.8515	0.3590	4.1
880600_08	39	27MAY08:18:14:00	18JUN08:14:04:00	8.6231	0.4003	4.6
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	8.4317	0.3372	4.0
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	8.5412	0.4323	5.1
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	8.8444	0.4780	5.4
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	9.1261	0.4036	4.4
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	8.6506	0.4169	4.8
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	8.9216	0.5423	6.1
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	8.6016	0.4198	4.9
884100_08	46	02OCT08:14:31:00	22NOV08:13:52:00	8.7478	0.5261	6.0
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	8.7794	0.5244	6.0
883900_08	39	03NOV08:11:45:00	24NOV08:18:33:00	8.8308	0.8709	9.9
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	8.6758	0.3982	4.6

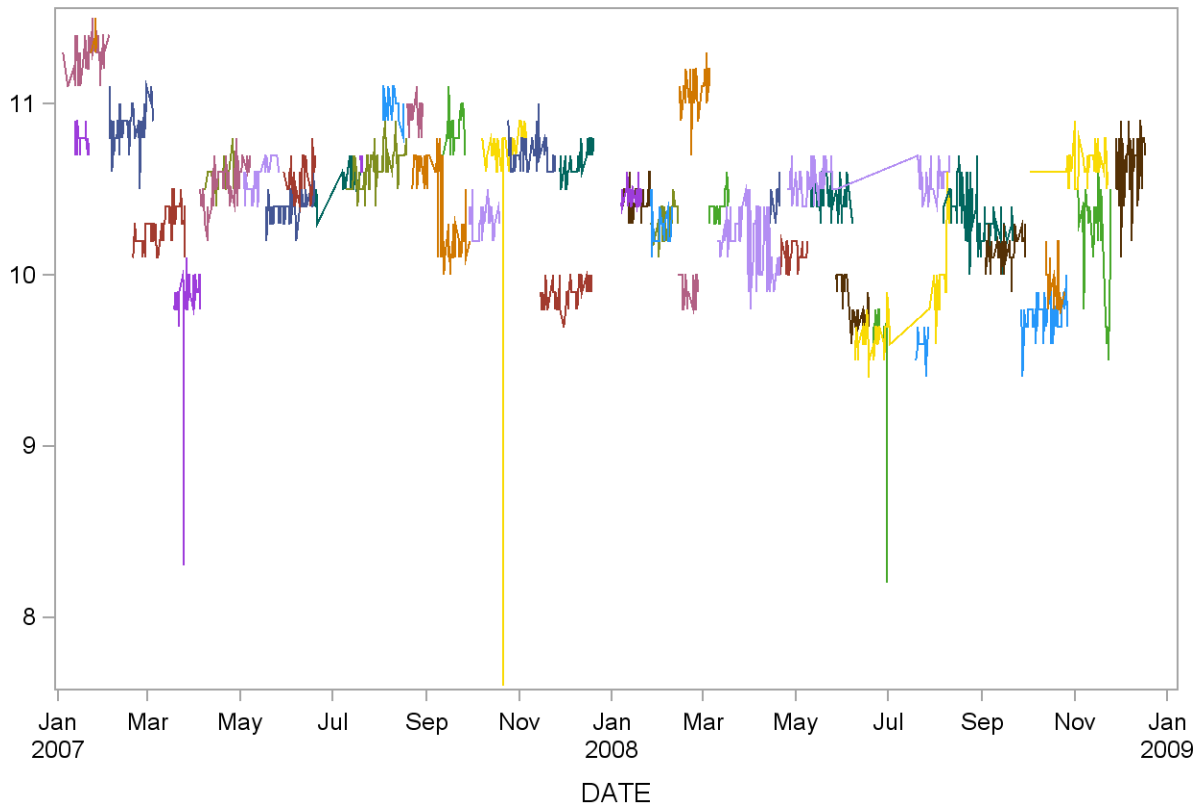
**Monocyte (%) (Normal)
2007-2008 Quality Control**



**Mean platelet volume (fL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	55	04JAN07:11:40:00	03FEB07:13:35:00	11.2836	0.0958	0.8
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	10.7950	0.0686	0.6
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	11.3714	0.0756	0.7
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	10.8677	0.1128	1.0
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	10.2754	0.1023	1.0
873100_07	52	18MAR07:11:28:00	04APR07:15:54:00	9.8481	0.2330	2.4
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	10.5271	0.1201	1.1
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	10.5621	0.0820	0.8
874000_07	35	03MAY07:10:41:00	27MAY07:08:42:00	10.5629	0.0942	0.9
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	10.3855	0.0826	0.8
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	10.5600	0.1006	1.0
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	10.5250	0.1020	1.0
875200_07	80	09JUL07:10:50:00	18AUG07:13:17:00	10.6225	0.1102	1.0
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	10.6500	0.0577	0.5
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	10.9950	0.0887	0.8
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	10.9421	0.0838	0.8
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	10.4205	0.2538	2.4
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	10.8563	0.0982	0.9
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	10.3088	0.0866	0.8
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	10.6796	0.4564	4.3
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	10.7241	0.0930	0.9
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	9.8898	0.0848	0.9
877800_07	37	27NOV07:13:35:00	19DEC07:13:26:00	10.6568	0.0929	0.9
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	10.4680	0.0627	0.6
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	10.4415	0.0805	0.8
878800_08	33	26JAN08:10:30:00	13FEB08:09:32:00	10.3303	0.0883	0.9
878900_08	26	26JAN08:12:12:00	09FEB08:14:28:00	10.2923	0.1055	1.0
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	9.9105	0.0875	0.9
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	11.0714	0.1274	1.2
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	10.3952	0.0865	0.8
879900_08	88	10MAR08:11:11:00	21APR08:08:45:00	10.1875	0.1760	1.7
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	10.4500	0.0972	0.9
870400_08	27	21APR08:09:06:00	08MAY08:13:46:00	10.1185	0.0736	0.7
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	10.4980	0.1025	1.0
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	10.5510	0.0864	0.8
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	9.8222	0.1245	1.3
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	9.6375	0.0981	1.0
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	9.8288	0.3175	3.2
872000_08	24	21JUN08:09:11:00	30JUN08:13:37:00	9.6250	0.3207	3.3
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	9.5818	0.0982	1.0
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	10.3256	0.1522	1.5
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	10.1449	0.0867	0.9
873500_08	69	26SEP08:13:26:00	27OCT08:11:22:00	9.7652	0.0997	1.0
874100_08	51	02OCT08:14:32:00	22NOV08:13:56:00	10.6412	0.0942	0.9
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	9.9543	0.1172	1.2
873900_08	36	03NOV08:11:44:00	24NOV08:18:31:00	10.2111	0.3078	3.0
874600_08	69	28NOV08:09:51:00	17DEC08:08:36:00	10.6667	0.1559	1.5

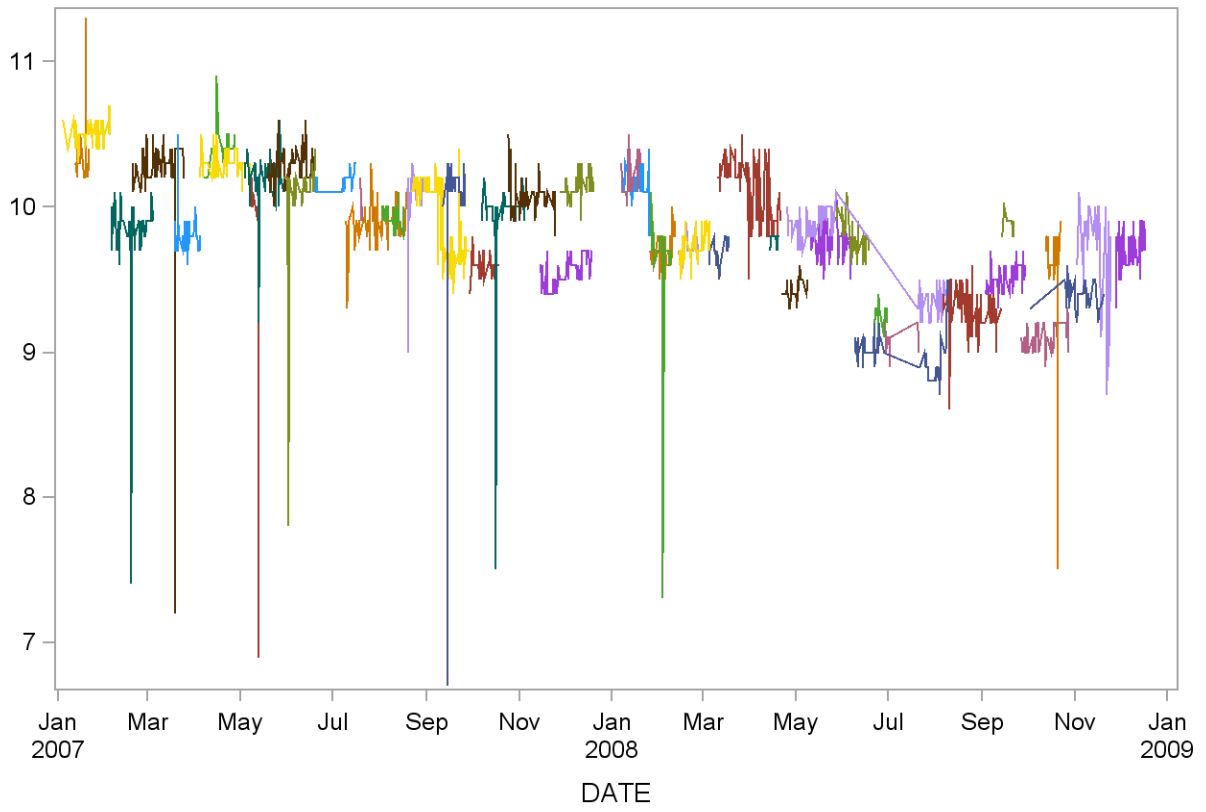
Mean platelet volume (fL) (Abn I)
2007-2008 Quality Control



**Mean platelet volume (fL) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	58	04JAN07:11:45:00	04FEB07:13:44:00	10.5052	0.0826	0.8
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	10.3647	0.2572	2.5
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	9.8259	0.3416	3.5
863600_07	59	19FEB07:14:31:00	25MAR07:17:21:00	10.2424	0.4166	4.1
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	9.7942	0.1290	1.3
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	10.2963	0.0846	0.8
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	10.3833	0.1341	1.3
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	10.1844	0.1894	1.9
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	9.4000	1.3208	14.1
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	10.2830	0.1156	1.1
865500_07	33	29MAY07:17:53:00	19JUN07:08:53:00	10.0636	0.4159	4.1
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	10.1842	0.0688	0.7
866200_07	79	09JUL07:12:01:00	18AUG07:13:18:00	9.8911	0.1263	1.3
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	10.0000	0.1414	1.4
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	9.9381	0.0805	0.8
866700_07	20	19AUG07:08:42:00	29AUG07:13:23:00	10.0500	0.2626	2.6
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	9.9194	0.2678	2.7
867300_07	37	11SEP07:19:08:00	26SEP07:09:51:00	9.9676	0.7849	7.9
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	9.6029	0.0758	0.8
867700_07	43	07OCT07:15:12:00	05NOV07:09:16:00	9.9233	0.3872	3.9
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	10.0782	0.1272	1.3
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	9.5558	0.0998	1.0
868500_07	41	27NOV07:13:36:00	19DEC07:13:28:00	10.1366	0.0942	0.9
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	10.2500	0.1216	1.2
868900_08	39	07JAN08:13:27:00	25JAN08:13:19:00	10.1615	0.1067	1.0
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	9.7242	0.1173	1.2
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	9.5692	0.6626	6.9
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	9.7421	0.0769	0.8
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	9.7526	0.1059	1.1
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	9.6950	0.0887	0.9
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	10.1065	0.2053	2.0
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	9.7667	0.0500	0.5
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	9.4250	0.0794	0.8
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	9.6179	0.2824	2.9
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	9.8041	0.1251	1.3
861700_08	38	27MAY08:18:16:00	18JUN08:08:40:00	9.8053	0.1229	1.3
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	9.0229	0.1564	1.7
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	9.0280	0.0671	0.7
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	9.2438	0.0814	0.9
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	9.1143	0.1027	1.1
863400_08	80	06AUG08:11:18:00	13SEP08:08:36:00	9.2900	0.1506	1.6
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	9.4944	0.0878	0.9
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	9.8500	0.0674	0.7
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	9.1063	0.0871	1.0
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	9.3944	0.0955	1.0
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	9.6000	0.4418	4.6
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	9.6868	0.3588	3.7
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	9.7000	0.1239	1.3

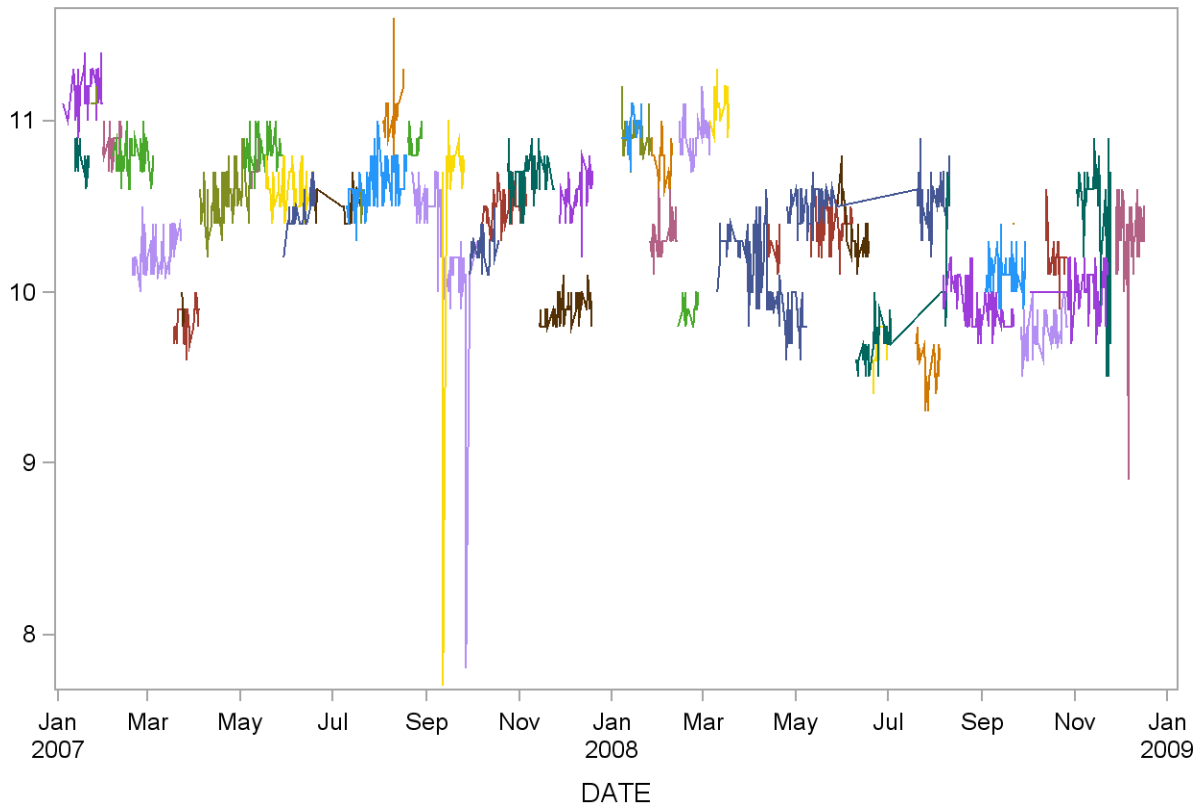
Mean platelet volume (fL) (Abn II)
2007-2008 Quality Control



**Mean platelet volume (fL) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	11.1782	0.1083	1.0
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	10.7765	0.0903	0.8
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	11.1167	0.0408	0.4
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	10.8560	0.0961	0.9
881400_07	47	05FEB07:17:25:00	04MAR07:14:23:00	10.7830	0.0985	0.9
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	10.2392	0.1185	1.2
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	9.8260	0.0876	0.9
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	9.9000	0.0707	0.7
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	10.5541	0.1201	1.1
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	10.8186	0.1118	1.0
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	10.7286	0.1254	1.2
883400_07	56	18MAY07:11:36:00	18JUN07:17:37:00	10.6018	0.1070	1.0
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	10.4613	0.1022	1.0
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	10.5105	0.0809	0.8
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	10.6286	0.1322	1.2
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	10.5250	0.0957	0.9
885000_07	22	03AUG07:08:49:00	16AUG07:13:51:00	11.0591	0.1652	1.5
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	10.8765	0.0664	0.6
885400_07	74	22AUG07:11:56:00	04OCT07:08:31:00	10.3216	0.3822	3.7
885800_07	27	11SEP07:19:21:00	26SEP07:09:53:00	10.6444	0.5983	5.6
886000_07	31	29SEP07:13:30:00	18OCT07:13:56:00	10.2581	0.0958	0.9
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	10.5130	0.1024	1.0
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	10.6571	0.1189	1.1
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	9.8941	0.0858	0.9
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	10.5833	0.1254	1.2
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	10.9391	0.0988	0.9
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	10.9097	0.1136	1.0
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	10.3394	0.1088	1.1
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	10.7800	0.1080	1.0
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	9.9000	0.0707	0.7
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	10.9075	0.1095	1.0
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	11.0900	0.1071	1.0
889400_08	86	10MAR08:11:09:00	21APR08:08:41:00	10.1791	0.1929	1.9
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	10.2667	0.0888	0.9
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	9.8280	0.1242	1.3
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	10.4337	0.1216	1.2
881900_08	100	25APR08:15:45:00	10AUG08:13:54:00	10.5140	0.1155	1.1
880600_08	39	27MAY08:18:14:00	18JUN08:14:04:00	10.3615	0.1480	1.4
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	9.7136	0.1133	1.2
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	9.8241	0.2881	2.9
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	9.6722	0.1127	1.2
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	9.5417	0.1316	1.4
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	9.9380	0.1294	1.3
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	10.1059	0.1121	1.1
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	9.7635	0.1052	1.1
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	10.0234	0.1386	1.4
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	10.2118	0.1320	1.3
883900_08	40	02NOV08:11:51:00	24NOV08:18:33:00	10.3925	0.4227	4.1
884700_08	61	28NOV08:09:49:00	17DEC08:08:35:00	10.3295	0.2312	2.2

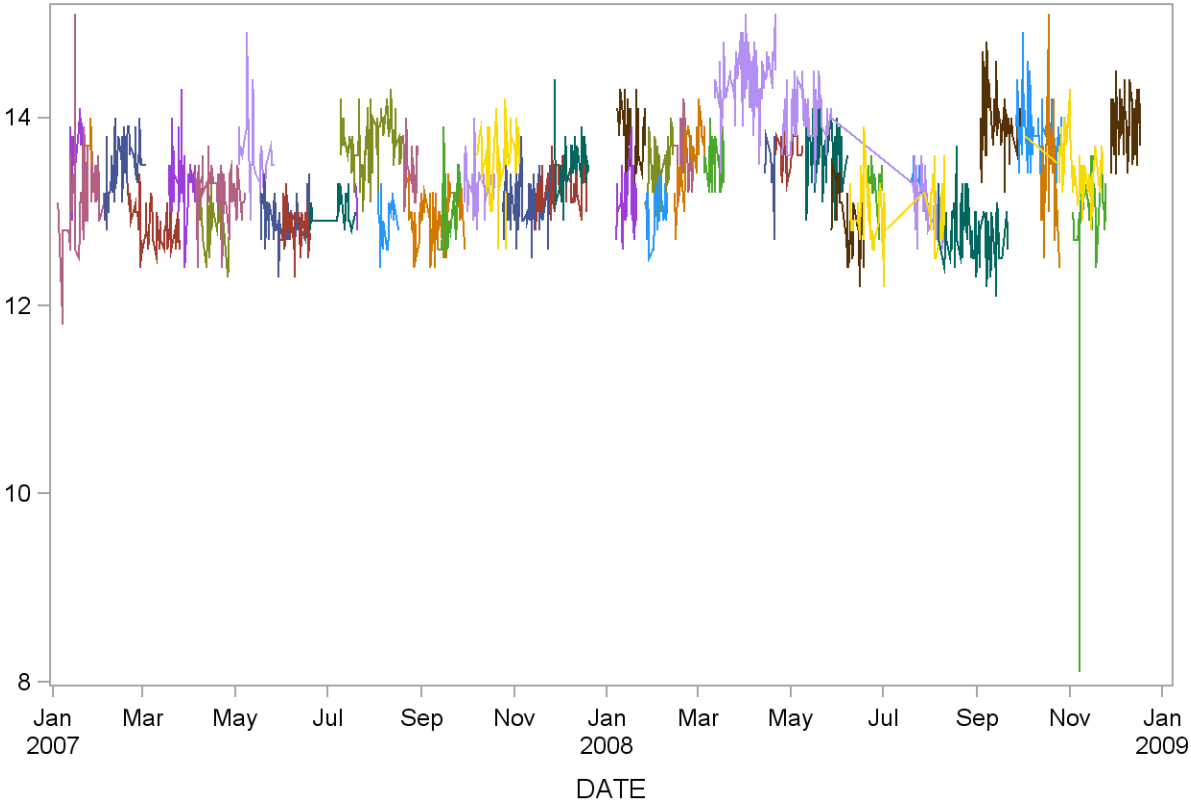
**Mean platelet volume (fL) (Normal)
2007-2008 Quality Control**



**Neutrophil No.(10³ cells/uL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	13.1804	0.4449	3.4
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	13.6600	0.2873	2.1
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	13.7429	0.1618	1.2
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	13.4678	0.3003	2.2
872600_07	56	19FEB07:14:29:00	25MAR07:17:22:00	12.8625	0.2187	1.7
873100_07	51	18MAR07:11:28:00	04APR07:15:54:00	13.3608	0.3131	2.3
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	13.2169	0.2485	1.9
873500_07	28	07APR07:08:47:00	27APR07:13:46:00	12.9143	0.2851	2.2
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	13.6147	0.4098	3.0
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	12.9236	0.2099	1.6
874500_07	34	29MAY07:17:51:00	19JUN07:08:52:00	12.8353	0.2145	1.7
874600_07	19	19JUN07:12:37:00	19JUL07:08:45:00	13.0368	0.1707	1.3
875200_07	75	09JUL07:10:50:00	18AUG07:13:17:00	13.7453	0.2863	2.1
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	13.0750	0.2217	1.7
875600_07	19	03AUG07:08:50:00	16AUG07:13:54:00	12.9158	0.2478	1.9
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	13.5000	0.2667	2.0
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	12.9644	0.2463	1.9
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	12.9938	0.3192	2.5
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	13.2647	0.2497	1.9
876900_07	48	07OCT07:15:11:00	05NOV07:09:15:00	13.5125	0.3642	2.7
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	13.1056	0.2777	2.1
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	13.2531	0.2190	1.7
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	13.5114	0.2687	2.0
878400_08	24	07JAN08:08:38:00	20JAN08:13:23:00	13.0917	0.3175	2.4
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	13.8146	0.2825	2.0
878800_08	31	26JAN08:10:30:00	13FEB08:09:32:00	13.4484	0.3161	2.4
878900_08	24	26JAN08:12:12:00	09FEB08:14:28:00	13.0042	0.2386	1.8
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	13.5789	0.3029	2.2
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	13.5886	0.3546	2.6
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	13.4857	0.2435	1.8
879900_08	85	12MAR08:11:26:00	21APR08:08:45:00	14.3918	0.3095	2.2
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	13.4300	0.3129	2.3
870400_08	27	21APR08:09:06:00	08MAY08:13:46:00	13.6444	0.1761	1.3
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	13.6133	0.5339	3.9
870800_08	97	25APR08:15:29:00	07JUN08:09:04:00	13.8010	0.3639	2.6
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	12.8639	0.3279	2.5
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	12.9271	0.2819	2.2
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	12.9725	0.2779	2.1
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	13.2818	0.1868	1.4
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	13.3455	0.1214	0.9
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	12.8122	0.2971	2.3
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	13.9551	0.3189	2.3
873500_08	66	26SEP08:13:26:00	27OCT08:11:22:00	13.8652	0.3101	2.2
874100_08	49	02OCT08:14:32:00	22NOV08:13:56:00	13.4286	0.2951	2.2
873800_08	33	13OCT08:11:21:00	25OCT08:09:43:00	13.3333	0.5206	3.9
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	12.9143	0.8759	6.8
874600_08	67	28NOV08:09:51:00	17DEC08:08:36:00	13.9015	0.2722	2.0

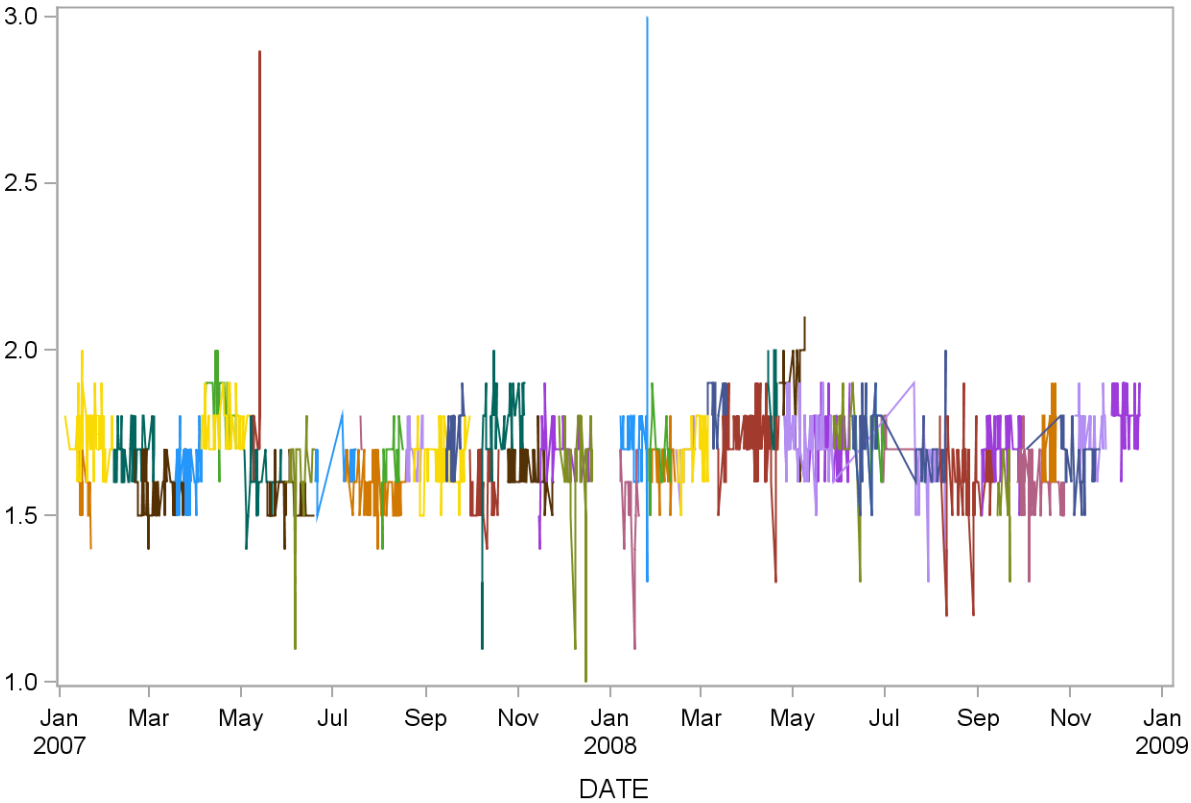
**Neutrophil No.(10³ cells/uL) (Abn I)
2007-2008 Quality Control**



**Neutrophil No.(10³ cells/uL) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	1.7368	0.0899	5.2
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	1.5824	0.0883	5.6
863500_07	56	05FEB07:08:40:00	04MAR07:13:39:00	1.6839	0.0708	4.2
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	1.5793	0.0744	4.7
864100_07	51	18MAR07:11:32:00	04APR07:15:53:00	1.6333	0.0739	4.5
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	1.7778	0.0634	3.6
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	1.8310	0.0967	5.3
865000_07	44	03MAY07:10:47:00	29MAY07:12:57:00	1.5955	0.0714	4.5
864900_07	9	08MAY07:12:43:00	13MAY07:08:57:00	1.8667	0.3937	21.1
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	1.5423	0.0605	3.9
865500_07	31	29MAY07:17:53:00	19JUN07:08:53:00	1.6323	0.1166	7.1
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	1.6529	0.0717	4.3
866200_07	77	09JUL07:12:01:00	18AUG07:13:18:00	1.5753	0.0652	4.1
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	1.7250	0.0500	2.9
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	1.6619	0.0865	5.2
866700_07	18	19AUG07:08:42:00	29AUG07:13:23:00	1.7000	0.0686	4.0
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	1.6681	0.0728	4.4
867300_07	28	14SEP07:10:11:00	26SEP07:09:51:00	1.7321	0.0772	4.5
867400_07	33	29SEP07:13:29:00	18OCT07:13:52:00	1.5879	0.0893	5.6
867700_07	41	07OCT07:15:12:00	05NOV07:09:16:00	1.7659	0.1575	8.9
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	1.6309	0.0573	3.5
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	1.6940	0.0793	4.7
868500_07	40	27NOV07:13:36:00	19DEC07:13:28:00	1.6350	0.1748	10.7
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	1.5292	0.1233	8.1
868900_08	35	07JAN08:13:27:00	25JAN08:13:19:00	1.8171	0.3714	20.4
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	1.6455	0.0711	4.3
869500_08	24	26JAN08:12:15:00	09FEB08:14:31:00	1.6792	0.0833	5.0
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	1.6789	0.0631	3.8
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	1.6919	0.0829	4.9
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	1.8150	0.0813	4.5
860600_08	89	12MAR08:11:21:00	21APR08:08:43:00	1.7180	0.1051	6.1
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	1.8667	0.1225	6.6
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	1.9042	0.1042	5.5
862900_08	88	25APR08:15:30:00	10AUG08:13:59:00	1.6750	0.1234	7.4
861400_08	95	25APR08:15:30:00	07JUN08:09:20:00	1.7200	0.0833	4.8
861700_08	33	27MAY08:18:16:00	18JUN08:08:40:00	1.7455	0.1063	6.1
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	1.7048	0.0991	5.8
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	1.7484	0.0962	5.5
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	1.7267	0.0799	4.6
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	1.6929	0.0730	4.3
863400_08	76	06AUG08:11:18:00	10SEP08:13:37:00	1.6092	0.1202	7.5
863600_08	53	03SEP08:11:15:00	29SEP08:08:38:00	1.7057	0.0818	4.8
863900_08	10	13SEP08:09:49:00	21SEP08:13:54:00	1.5400	0.1174	7.6
864100_08	63	26SEP08:13:29:00	27OCT08:13:48:00	1.5952	0.0831	5.2
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	1.6694	0.0822	4.9
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	1.7280	0.0936	5.4
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	1.7472	0.0696	4.0
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	1.8070	0.0704	3.9

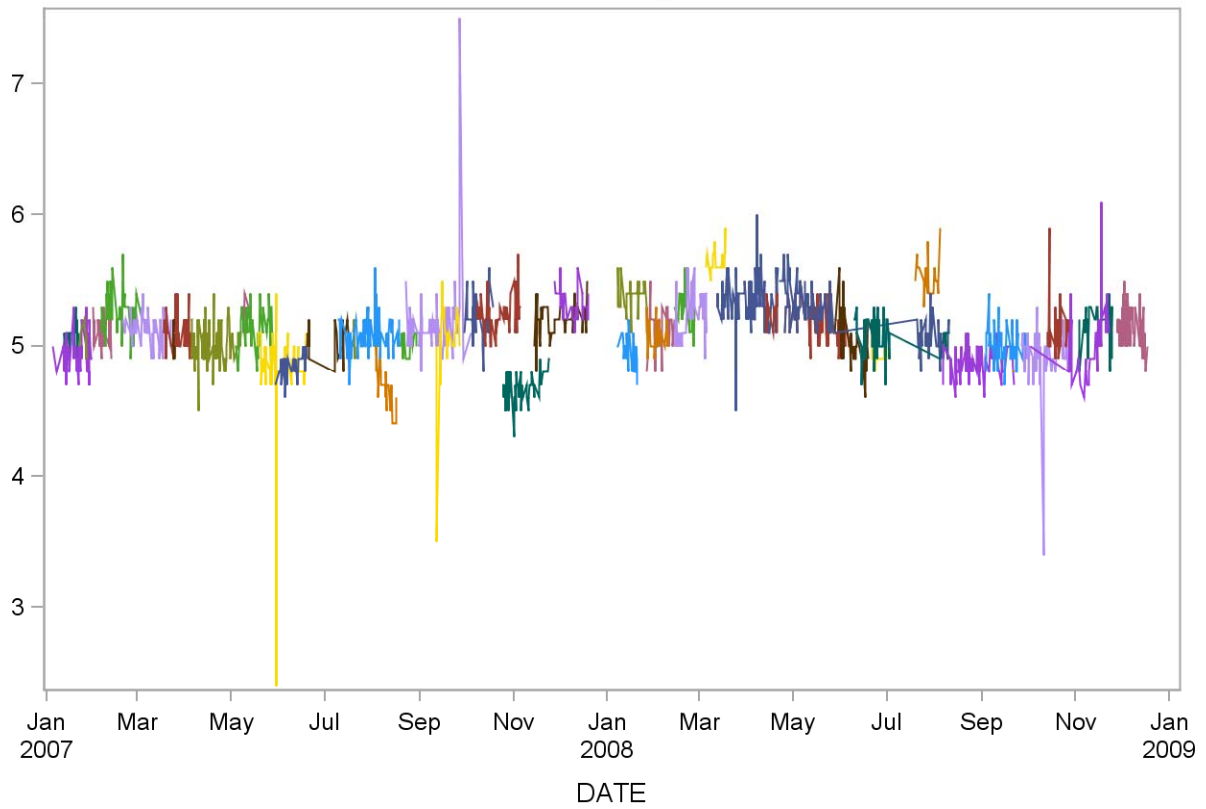
Neutrophil No.(10³ cells/uL) (Abn II)
2007-2008 Quality Control



**Neutrophil No.(10³ cells/uL) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	4.9218	0.1343	2.7
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	5.0706	0.1105	2.2
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	5.0667	0.1033	2.0
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	5.1080	0.1187	2.3
881400_07	44	05FEB07:17:25:00	04MAR07:13:38:00	5.2500	0.1533	2.9
881500_07	50	19FEB07:14:27:00	22MAR07:17:30:00	5.1300	0.1165	2.3
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	5.1100	0.1298	2.5
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	5.0200	0.1095	2.2
882700_07	84	04APR07:14:12:00	07MAY07:08:36:00	5.0167	0.1447	2.9
883200_07	41	03MAY07:10:40:00	29MAY07:12:55:00	5.1268	0.1550	3.0
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	5.2857	0.0900	1.7
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	4.8382	0.3639	7.5
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	4.8419	0.0958	2.0
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	5.0474	0.1264	2.5
884600_07	80	09JUL07:10:49:00	18AUG07:13:16:00	5.0763	0.1305	2.6
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	5.0500	0.1291	2.6
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	4.6762	0.1513	3.2
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	5.0412	0.0870	1.7
885400_07	72	22AUG07:11:56:00	04OCT07:08:31:00	5.1792	0.3099	6.0
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	5.0346	0.3509	7.0
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	5.2200	0.1669	3.2
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	5.2326	0.1446	2.8
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	4.6643	0.1151	2.5
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	5.2020	0.1257	2.4
887300_07	35	27NOV07:13:37:00	19DEC07:13:27:00	5.3114	0.1157	2.2
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	4.9619	0.1284	2.6
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	5.3839	0.1098	2.0
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	5.1242	0.1562	3.0
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	5.0840	0.1068	2.1
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	5.2762	0.1338	2.5
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	5.2600	0.1837	3.5
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	5.6450	0.0887	1.6
889400_08	84	12MAR08:11:28:00	21APR08:08:41:00	5.3452	0.1852	3.5
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	5.2417	0.1084	2.1
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	5.4560	0.1193	2.2
881900_08	98	25APR08:15:45:00	10AUG08:13:54:00	5.1735	0.1570	3.0
880200_08	91	25APR08:15:45:00	07JUN08:08:52:00	5.2055	0.1393	2.7
880600_08	38	27MAY08:18:14:00	18JUN08:14:04:00	5.0421	0.1968	3.9
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	5.0706	0.1418	2.8
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	5.0732	0.1550	3.1
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	4.9278	0.0669	1.4
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	5.5348	0.1335	2.4
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	4.8722	0.1176	2.4
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	5.0137	0.1386	2.8
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	4.9111	0.2315	4.7
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	4.9936	0.2591	5.2
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	5.1294	0.1915	3.7
883900_08	39	03NOV08:11:45:00	24NOV08:18:33:00	5.1821	0.1430	2.8
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	5.1339	0.1425	2.8

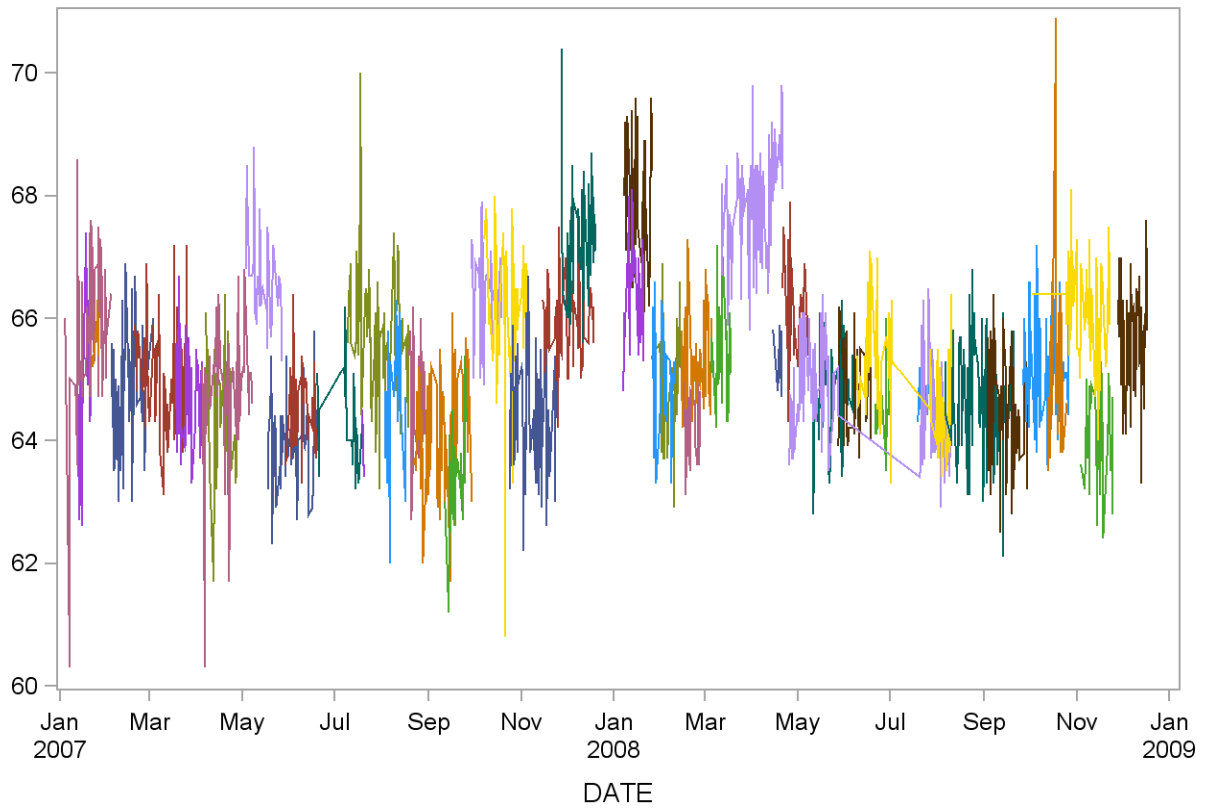
**Neutrophil No.(10³ cells/uL) (Normal)
2007-2008 Quality Control**



**Neutrophil (%) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	56	04JAN07:11:40:00	03FEB07:13:35:00	65.8214	1.2090	1.8
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	64.7150	1.1236	1.7
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	65.7429	0.4276	0.7
872500_07	59	04FEB07:08:32:00	03MAR07:13:31:00	64.8610	0.8814	1.4
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	65.0947	0.8295	1.3
873100_07	51	18MAR07:11:28:00	04APR07:15:54:00	64.7765	0.7557	1.2
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	64.8424	0.9936	1.5
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	64.4759	1.0494	1.6
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	66.7618	0.8327	1.2
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	63.9709	0.6890	1.1
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	64.5000	0.6620	1.0
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	64.4150	0.7471	1.2
875200_07	77	09JUL07:10:50:00	18AUG07:13:17:00	65.6558	0.9485	1.4
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	63.7750	0.4924	0.8
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	64.7500	1.0807	1.7
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	64.6158	0.9008	1.4
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	64.2205	0.8841	1.4
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	63.4344	0.8276	1.3
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	66.3971	0.7732	1.2
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	66.0122	1.2434	1.9
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	64.3889	1.0039	1.6
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	65.9980	0.6650	1.0
877800_07	35	27NOV07:13:35:00	19DEC07:13:26:00	67.3029	0.9535	1.4
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	66.4520	0.8714	1.3
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	67.9341	1.0019	1.5
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	64.8875	0.8680	1.3
878900_08	25	26JAN08:12:12:00	09FEB08:14:28:00	64.8880	0.8541	1.3
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	64.3368	0.6890	1.1
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	65.3486	0.7318	1.1
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	65.3143	0.8374	1.3
879900_08	86	12MAR08:11:26:00	21APR08:08:45:00	67.8128	0.8597	1.3
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	65.3800	0.4467	0.7
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	66.2071	0.7625	1.2
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	64.7204	0.8110	1.3
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	64.9031	0.7226	1.1
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	64.8111	0.7344	1.1
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	65.0088	0.8165	1.3
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	65.2854	0.7635	1.2
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	64.5045	0.5287	0.8
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	64.9182	0.4750	0.7
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	64.8110	0.8784	1.4
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	64.5490	0.9104	1.4
873500_08	68	26SEP08:13:26:00	27OCT08:11:22:00	65.2044	0.7871	1.2
874100_08	50	02OCT08:14:32:00	22NOV08:13:56:00	66.1820	0.8068	1.2
873800_08	34	13OCT08:11:21:00	25OCT08:09:46:00	65.0882	1.2754	2.0
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	64.0029	0.7298	1.1
874600_08	69	28NOV08:09:51:00	17DEC08:08:36:00	65.6507	0.8001	1.2

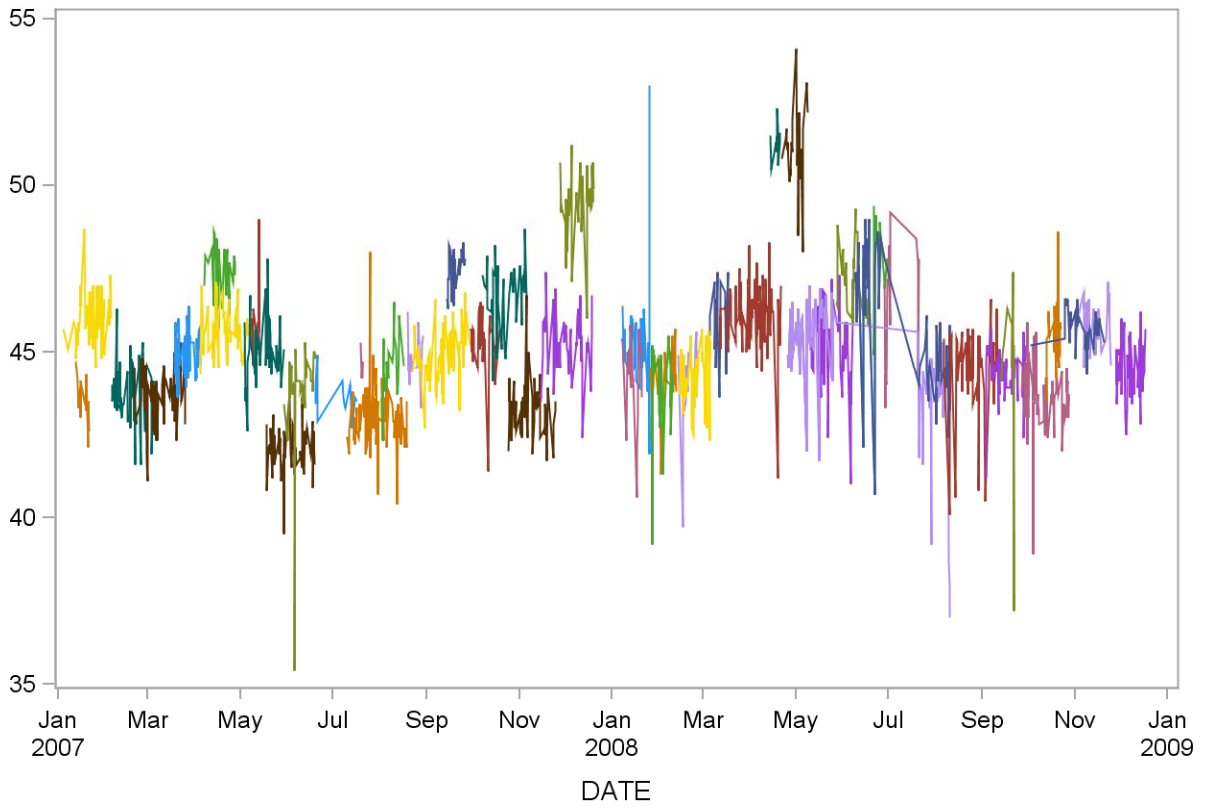
**Neutrophil (%) (Abn I)
2007-2008 Quality Control**



**Neutrophil (%) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	46.0070	0.7438	1.6
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	43.6588	0.7018	1.6
863500_07	57	05FEB07:08:40:00	04MAR07:13:39:00	43.6772	0.9050	2.1
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	43.6207	0.8250	1.9
864100_07	51	18MAR07:11:32:00	04APR07:15:53:00	44.8647	0.6399	1.4
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	45.6019	0.6847	1.5
864500_07	29	07APR07:08:50:00	27APR07:13:45:00	47.4414	0.7327	1.5
865000_07	44	03MAY07:10:47:00	29MAY07:12:57:00	45.1000	0.9081	2.0
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	46.1100	1.4662	3.2
865200_07	52	18MAY07:11:35:00	18JUN07:17:38:00	42.0750	0.7543	1.8
865500_07	31	29MAY07:17:53:00	19JUN07:08:53:00	43.8194	1.6790	3.8
865600_07	17	19JUN07:12:34:00	16JUL07:09:35:00	43.5647	0.5689	1.3
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	42.9872	0.9430	2.2
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	44.6000	0.5228	1.2
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	44.6048	0.9351	2.1
866700_07	18	19AUG07:08:42:00	29AUG07:13:23:00	44.8611	0.7122	1.6
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	44.9042	0.7860	1.8
867300_07	28	14SEP07:10:11:00	26SEP07:09:51:00	47.3679	0.6183	1.3
867400_07	33	29SEP07:13:29:00	18OCT07:13:52:00	45.3121	0.9103	2.0
867700_07	40	07OCT07:15:22:00	05NOV07:09:16:00	46.7375	0.9451	2.0
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	43.2345	0.8376	1.9
868400_07	50	14NOV07:11:27:00	18DEC07:15:43:00	45.1480	0.9690	2.1
868500_07	38	27NOV07:13:36:00	19DEC07:13:28:00	49.4000	1.0124	2.0
869200_08	23	07JAN08:08:35:00	20JAN08:13:22:00	44.3435	1.3076	2.9
868900_08	33	07JAN08:13:27:00	25JAN08:13:19:00	45.2485	1.7094	3.8
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	43.9424	0.8983	2.0
869500_08	24	26JAN08:12:15:00	09FEB08:14:31:00	43.4292	1.5098	3.5
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	44.1526	1.2681	2.9
869900_08	37	14FEB08:11:03:00	05MAR08:16:00:00	44.2649	0.9578	2.2
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	45.9700	1.0408	2.3
860600_08	87	12MAR08:11:21:00	21APR08:08:43:00	46.1391	0.9693	2.1
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	51.3111	0.5600	1.1
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	51.1208	1.2776	2.5
862900_08	87	25APR08:15:30:00	10AUG08:13:57:00	44.6655	1.8975	4.2
861400_08	96	25APR08:15:30:00	07JUN08:09:20:00	45.3188	1.1646	2.6
861700_08	33	27MAY08:18:16:00	18JUN08:08:40:00	47.1788	0.9161	1.9
863000_08	63	09JUN08:10:27:00	10AUG08:15:13:00	45.8397	1.9834	4.3
862200_08	31	09JUN08:10:27:00	28JUN08:08:55:00	47.2742	1.7686	3.7
862600_08	15	21JUN08:09:12:00	30JUN08:13:39:00	47.8133	1.0862	2.3
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	46.5500	1.8818	4.0
863400_08	73	06AUG08:11:18:00	10SEP08:13:37:00	44.5411	1.1818	2.7
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	44.3500	0.7488	1.7
863900_08	10	13SEP08:09:49:00	21SEP08:13:54:00	44.5000	2.7556	6.2
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	43.6938	1.0326	2.4
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	45.7000	0.5248	1.1
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	45.5192	0.9859	2.2
864500_08	36	03NOV08:11:47:00	24NOV08:09:27:00	45.8944	0.6620	1.4
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	44.5140	0.7992	1.8

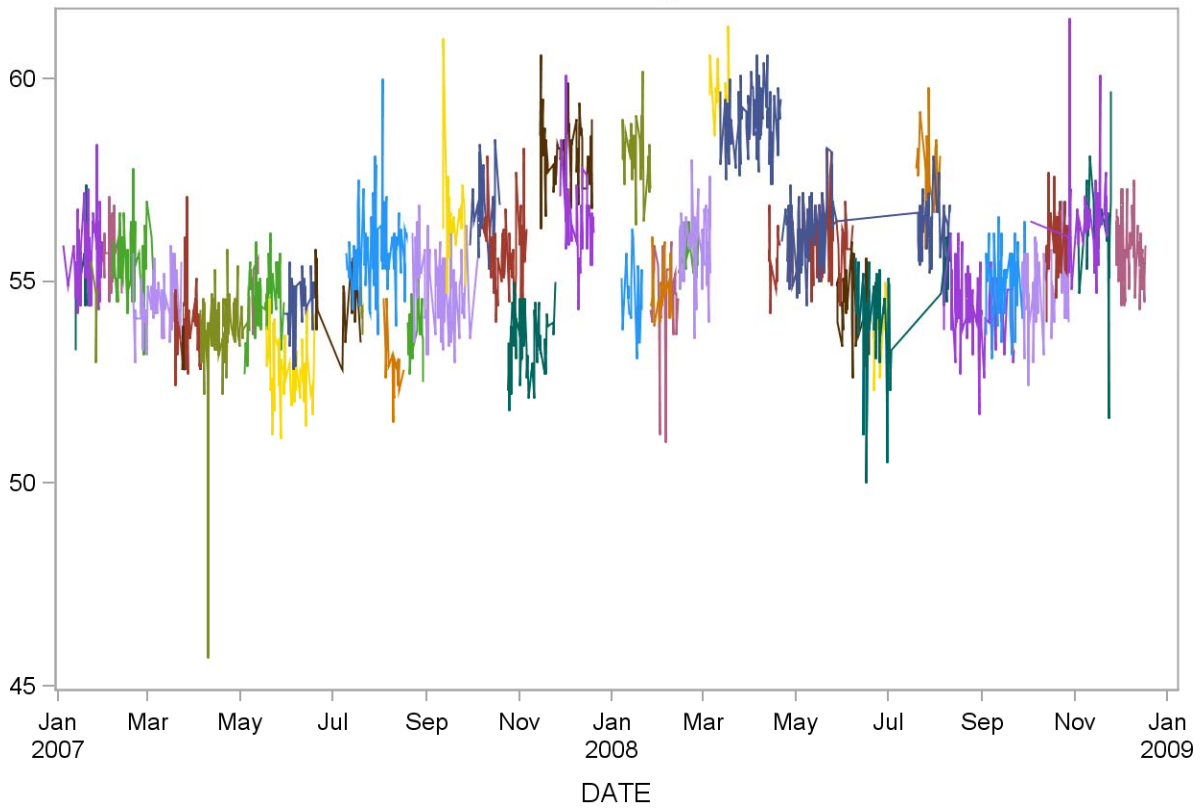
**Neutrophil (%) (Abn II)
2007-2008 Quality Control**



**Neutrophil (%) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	55.6055	0.8451	1.5
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	55.0235	0.8642	1.6
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	54.6833	0.8976	1.6
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	55.7720	0.7226	1.3
881400_07	45	05FEB07:17:25:00	04MAR07:13:38:00	55.3956	0.8975	1.6
881500_07	50	19FEB07:14:27:00	22MAR07:17:30:00	54.4880	0.6856	1.3
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	53.9920	0.8325	1.5
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	53.2400	0.6025	1.1
882700_07	84	04APR07:14:12:00	07MAY07:08:36:00	53.7976	1.1040	2.1
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	54.6209	0.7966	1.5
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	54.9429	0.6399	1.2
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	52.7691	0.8099	1.5
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	54.4935	0.6933	1.3
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	54.6789	0.8509	1.6
884600_07	80	09JUL07:10:49:00	18AUG07:13:16:00	55.7213	1.0185	1.8
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	54.4000	0.7165	1.3
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	53.0381	0.7921	1.5
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	53.7941	0.7146	1.3
885400_07	72	22AUG07:11:56:00	04OCT07:08:31:00	54.8986	0.9563	1.7
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	56.5462	1.1378	2.0
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	56.8333	0.8450	1.5
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	55.7087	0.9702	1.7
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	53.5321	0.7984	1.5
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	58.1608	0.8410	1.4
887300_07	35	27NOV07:13:37:00	19DEC07:13:27:00	56.5829	1.0277	1.8
887900_08	21	07JAN08:08:36:00	20JAN08:13:21:00	54.6524	0.8382	1.5
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	58.1355	0.7813	1.3
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	54.6061	1.0871	2.0
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	54.7840	0.5764	1.1
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	55.7667	0.4127	0.7
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	55.9550	0.9229	1.6
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	59.5200	0.7824	1.3
889400_08	83	12MAR08:11:28:00	21APR08:08:41:00	58.9783	0.7439	1.3
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	55.6250	0.7263	1.3
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	55.9800	0.8185	1.5
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	56.0707	0.8164	1.5
881900_08	99	25APR08:15:45:00	10AUG08:13:54:00	56.3444	0.7697	1.4
880600_08	39	27MAY08:18:14:00	18JUN08:14:04:00	54.3128	0.6971	1.3
881100_08	41	09JUN08:10:28:00	02JUL08:13:30:00	54.0293	1.2634	2.3
882000_08	51	09JUN08:10:28:00	10AUG08:15:10:00	54.3137	1.2974	2.4
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	54.0500	0.7334	1.4
881300_08	23	19JUL08:08:30:00	04AUG08:08:34:00	57.8435	0.8382	1.4
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	54.3797	0.8170	1.5
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	54.9706	0.8417	1.5
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	54.8387	0.8271	1.5
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	56.5809	1.1273	2.0
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	56.1471	0.8429	1.5
883900_08	39	03NOV08:11:45:00	24NOV08:18:33:00	56.3205	1.1372	2.0
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	55.7565	0.7469	1.3

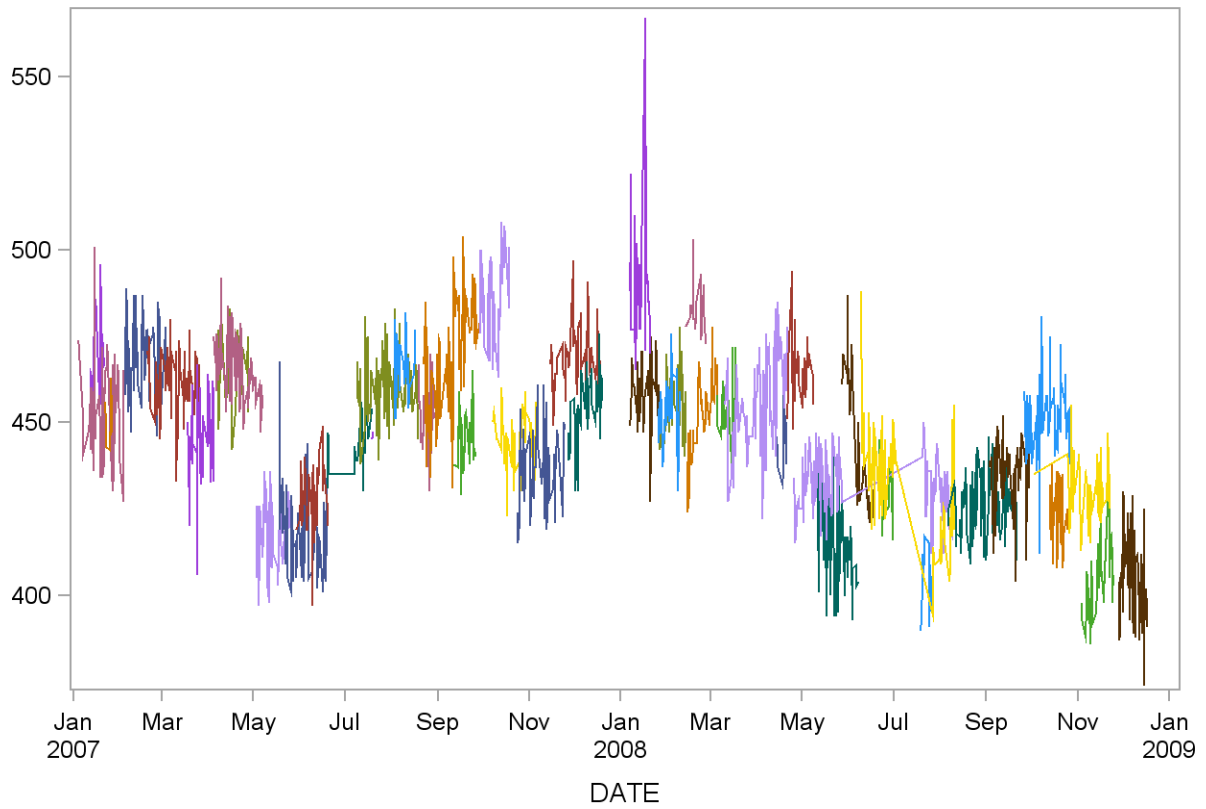
**Neutrophil (%) (Normal)
2007-2008 Quality Control**



**Platelet count (10³ cells/uL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	55	04JAN07:11:40:00	03FEB07:13:35:00	451.8545	13.4514	3.0
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	468.4500	11.0381	2.4
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	451.0000	8.0416	1.8
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	469.5161	9.9519	2.1
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	461.5439	8.8157	1.9
873100_07	52	18MAR07:11:28:00	04APR07:15:54:00	444.4808	11.5070	2.6
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	466.1356	9.5889	2.1
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	463.6552	9.8607	2.1
874000_07	35	03MAY07:10:41:00	27MAY07:08:42:00	415.6000	11.3583	2.7
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	418.4909	12.0013	2.9
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	426.9429	10.2669	2.4
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	443.4500	7.8303	1.8
875200_07	79	09JUL07:10:50:00	18AUG07:13:17:00	460.1899	9.3686	2.0
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	446.5000	1.0000	0.2
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	465.8500	9.0454	1.9
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	452.6316	11.1864	2.5
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	469.6712	16.2558	3.5
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	444.8125	7.6007	1.7
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	486.8529	12.2750	2.5
876900_07	48	07OCT07:15:11:00	05NOV07:09:15:00	443.8333	8.2625	1.9
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	436.9074	10.9100	2.5
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	468.2449	9.1231	1.9
877800_07	37	27NOV07:13:35:00	19DEC07:13:26:00	453.6216	10.1362	2.2
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	491.8800	22.0762	4.5
878300_08	40	07JAN08:13:26:00	26JAN08:09:34:00	458.5500	9.1566	2.0
878800_08	33	26JAN08:10:30:00	13FEB08:09:32:00	454.7273	9.1933	2.0
878900_08	26	26JAN08:12:12:00	09FEB08:14:28:00	453.5769	9.5590	2.1
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	482.4211	6.9787	1.4
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	452.4857	11.8852	2.6
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	455.0000	9.2087	2.0
879900_08	88	10MAR08:11:11:00	21APR08:08:45:00	454.7500	13.7191	3.0
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	444.7000	9.1415	2.1
870400_08	27	21APR08:09:06:00	08MAY08:13:46:00	465.1111	9.4109	2.0
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	421.6122	15.0946	3.6
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	431.5000	8.7311	2.0
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	443.5278	18.9292	4.3
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	434.0000	16.7815	3.9
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	440.8750	14.1521	3.2
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	432.0455	8.7422	2.0
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	403.6364	9.3517	2.3
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	425.8049	8.4055	2.0
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	434.8571	10.6184	2.4
873500_08	69	26SEP08:13:26:00	27OCT08:11:22:00	451.4058	10.7885	2.4
874100_08	51	02OCT08:14:32:00	22NOV08:13:56:00	430.0784	8.7769	2.0
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	421.6000	8.6201	2.0
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	405.0571	10.8002	2.7
874600_08	68	28NOV08:09:51:00	17DEC08:08:36:00	403.9853	11.1214	2.8

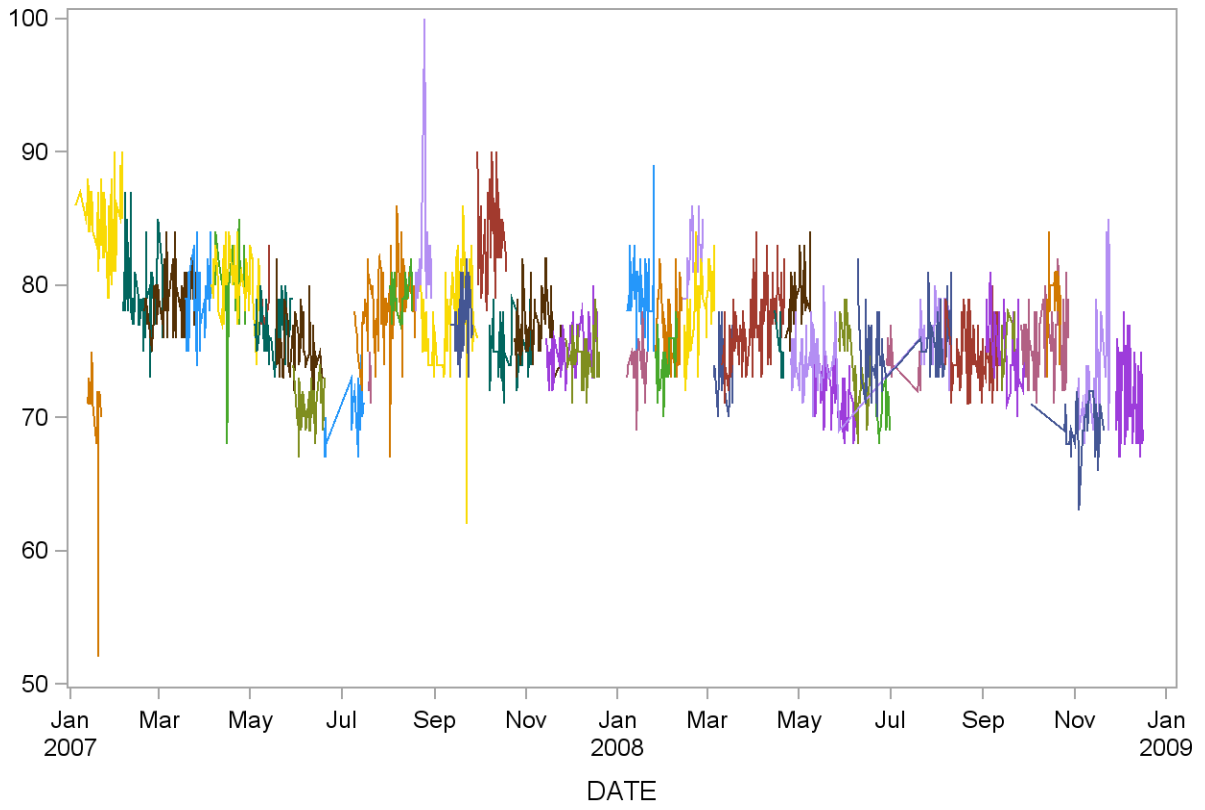
**Platelet count (10^3 cells/uL) (Abn I)
2007-2008 Quality Control**



**Platelet count (10³ cells/uL) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	58	04JAN07:11:45:00	04FEB07:13:44:00	84.6897	2.6702	3.2
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	70.1176	4.9102	7.0
863500_07	57	05FEB07:08:40:00	04MAR07:13:39:00	79.4561	2.6864	3.4
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	78.6207	2.0247	2.6
864100_07	51	18MAR07:11:32:00	04APR07:15:53:00	78.5490	2.3265	3.0
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	80.2963	1.9775	2.5
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	80.2000	3.0103	3.8
865000_07	44	03MAY07:10:47:00	29MAY07:12:57:00	76.8636	1.8375	2.4
864900_07	8	08MAY07:12:43:00	13MAY07:08:57:00	78.6250	1.9226	2.4
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	75.3019	2.1266	2.8
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	70.9688	1.8225	2.6
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	70.3684	2.4543	3.5
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	78.1923	2.7590	3.5
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	72.5000	1.7321	2.4
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	79.0476	1.3956	1.8
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	81.6842	4.6792	5.7
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	77.0694	3.2946	4.3
867300_07	35	11SEP07:19:08:00	26SEP07:09:51:00	77.0000	2.2361	2.9
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	83.8824	3.1887	3.8
867700_07	42	07OCT07:15:12:00	05NOV07:09:16:00	75.0238	2.0658	2.8
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	76.7455	2.2544	2.9
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	75.2500	1.8028	2.4
868500_07	41	27NOV07:13:36:00	19DEC07:13:28:00	74.5122	1.7482	2.3
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	73.9167	1.8158	2.5
868900_08	36	07JAN08:13:27:00	25JAN08:09:03:00	79.2778	2.7215	3.4
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	76.4848	2.4125	3.2
869500_08	24	26JAN08:12:15:00	09FEB08:14:31:00	74.3333	1.9486	2.6
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	82.5263	2.0915	2.5
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	78.5263	2.8450	3.6
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	73.8000	2.3306	3.2
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	77.2796	2.5891	3.4
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	75.5556	2.0069	2.7
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	79.1250	2.2710	2.9
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	72.9082	2.4750	3.4
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	75.1509	2.0738	2.8
861700_08	38	27MAY08:18:16:00	18JUN08:08:40:00	73.4211	2.8345	3.9
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	74.4400	2.3833	3.2
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	75.1325	2.4483	3.3
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	70.1875	1.3276	1.9
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	74.4286	1.4525	2.0
863400_08	80	06AUG08:11:18:00	13SEP08:08:36:00	74.8625	2.2147	3.0
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	75.1296	2.2067	2.9
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	75.5833	1.8320	2.4
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	75.6406	2.4127	3.2
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	69.2222	1.8687	2.7
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	78.9200	2.3965	3.0
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	73.0789	4.7839	6.5
865200_08	56	28NOV08:09:50:00	17DEC08:08:38:00	71.1786	2.7968	3.9

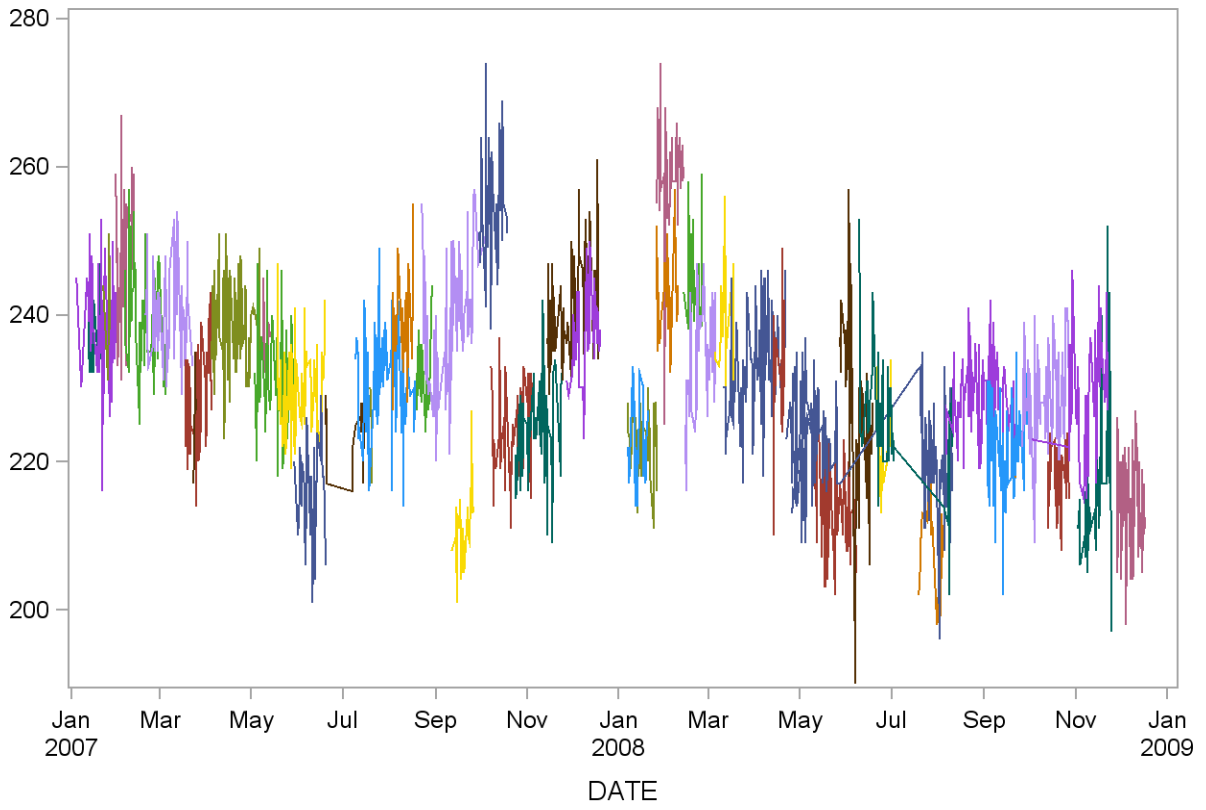
**Platelet count (10^3 cells/uL) (Abn II)
2007-2008 Quality Control**



**Platelet count (10³ cells/uL) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	239.2182	7.1484	3.0
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	237.8824	5.3489	2.2
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	241.0000	6.6030	2.7
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	248.3200	9.2948	3.7
881400_07	47	05FEB07:17:25:00	04MAR07:14:23:00	239.1915	7.0669	3.0
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	239.8627	6.1058	2.5
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	227.9800	6.3743	2.8
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	228.0000	6.8557	3.0
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	238.2941	5.8408	2.5
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	231.4884	7.1593	3.1
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	237.0000	4.1231	1.7
883400_07	56	18MAY07:11:36:00	18JUN07:17:37:00	229.4286	5.9141	2.6
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	215.4839	6.5262	3.0
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	224.5789	4.9589	2.2
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	231.4643	6.4312	2.8
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	223.5000	6.9522	3.1
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	238.4286	6.8159	2.9
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	232.5294	5.3865	2.3
885400_07	73	22AUG07:11:56:00	04OCT07:08:31:00	238.4658	8.4032	3.5
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	211.0000	5.3666	2.5
886000_07	31	29SEP07:13:30:00	18OCT07:13:56:00	254.7097	8.0133	3.1
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	223.6957	6.1205	2.7
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	224.5357	5.8743	2.6
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	240.9608	7.1076	2.9
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	237.2222	5.4307	2.3
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	222.8696	5.8411	2.6
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	222.6129	4.9644	2.2
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	259.0303	7.8878	3.0
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	243.0800	5.8375	2.4
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	244.1905	6.1937	2.5
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	233.6750	7.7174	3.3
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	238.0500	6.6765	2.8
889400_08	86	10MAR08:11:09:00	21APR08:08:41:00	233.0000	6.7858	2.9
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	231.5833	10.0314	4.3
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	227.4400	5.0997	2.2
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	216.8261	7.6051	3.5
881900_08	100	25APR08:15:45:00	10AUG08:13:54:00	220.3900	6.4712	2.9
880600_08	39	27MAY08:18:14:00	18JUN08:14:04:00	226.6154	12.0517	5.3
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	225.6481	7.5340	3.3
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	227.0000	6.5415	2.9
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	223.8889	6.6500	3.0
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	210.1667	6.6572	3.2
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	229.1013	5.2905	2.3
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	221.4902	6.5829	3.0
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	229.3065	6.8175	3.0
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	229.1277	7.5889	3.3
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	217.9412	4.1629	1.9
883900_08	38	02NOV08:11:51:00	24NOV08:18:33:00	218.3947	12.3081	5.6
884700_08	60	28NOV08:09:49:00	17DEC08:08:35:00	213.8500	6.0529	2.8

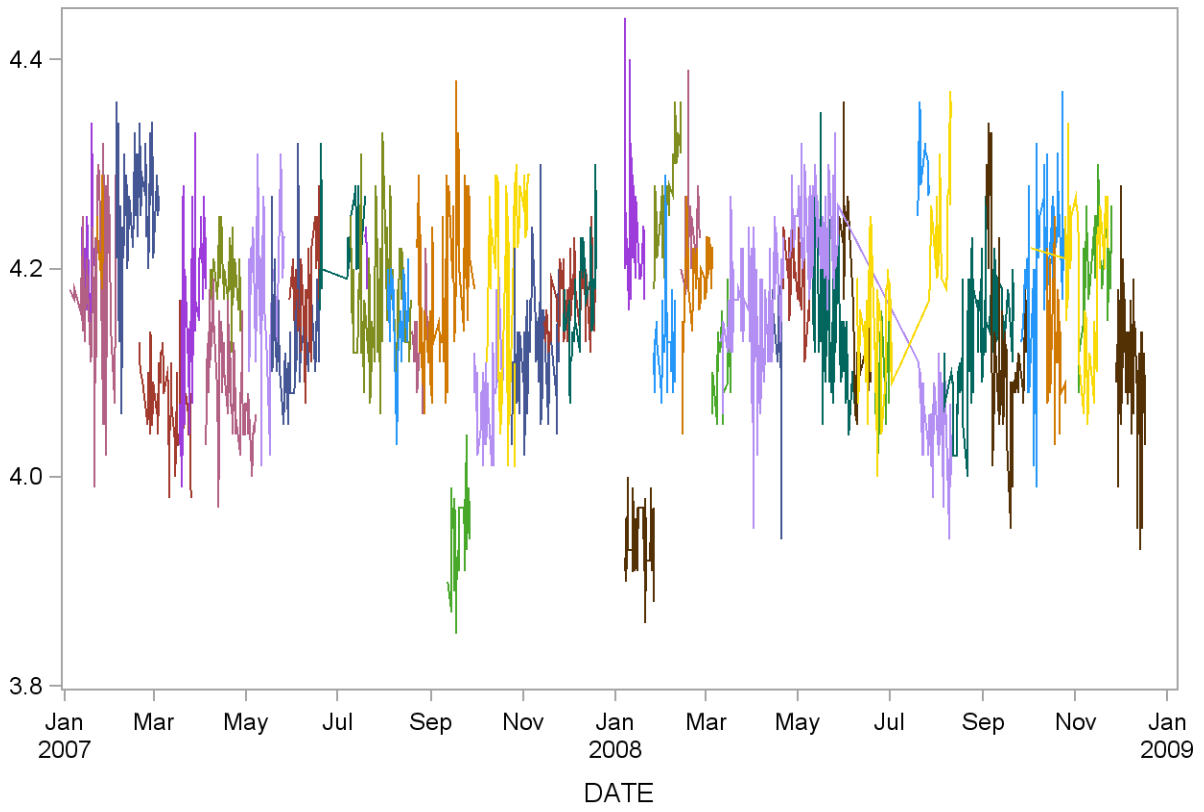
**Platelet count (10^3 cells/uL) (Normal)
2007-2008 Quality Control**



**Red Cell Count (10⁶ cells/uL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	52	04JAN07:11:40:00	03FEB07:13:35:00	4.1762	0.0794	1.9
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	4.2005	0.0539	1.3
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	4.2414	0.0434	1.0
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	4.2637	0.0538	1.3
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	4.0705	0.0393	1.0
873100_07	49	18MAR07:11:28:00	04APR07:15:54:00	4.1588	0.0773	1.9
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	4.0907	0.0458	1.1
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	4.1931	0.0325	0.8
874000_07	35	03MAY07:10:41:00	27MAY07:08:42:00	4.1726	0.0741	1.8
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	4.1387	0.0513	1.2
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	4.1746	0.0483	1.2
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	4.2290	0.0409	1.0
875200_07	79	09JUL07:10:50:00	18AUG07:13:17:00	4.1675	0.0526	1.3
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	4.2100	0.0294	0.7
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	4.1550	0.0433	1.0
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	4.1279	0.0347	0.8
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	4.1838	0.0728	1.7
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	3.9394	0.0411	1.0
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	4.0885	0.0486	1.2
876900_07	48	07OCT07:15:11:00	05NOV07:09:15:00	4.1971	0.0957	2.3
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	4.1183	0.0526	1.3
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	4.1724	0.0348	0.8
877800_07	36	27NOV07:13:35:00	19DEC07:13:26:00	4.1672	0.0474	1.1
878400_08	23	07JAN08:08:38:00	20JAN08:13:23:00	4.2387	0.0705	1.7
878300_08	40	07JAN08:13:26:00	26JAN08:09:34:00	3.9333	0.0325	0.8
878800_08	33	26JAN08:10:30:00	13FEB08:09:32:00	4.2770	0.0492	1.2
878900_08	26	26JAN08:12:12:00	09FEB08:14:28:00	4.1285	0.0458	1.1
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	4.2379	0.0461	1.1
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	4.1909	0.0402	1.0
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	4.1124	0.0399	1.0
879900_08	88	10MAR08:11:11:00	21APR08:08:45:00	4.1516	0.0514	1.2
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	4.1310	0.0732	1.8
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	4.1950	0.0323	0.8
872300_08	97	25APR08:15:29:00	10AUG08:13:55:00	4.1596	0.1027	2.5
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	4.1866	0.0758	1.8
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	4.1589	0.0756	1.8
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	4.1352	0.0494	1.2
872400_08	79	09JUN08:10:25:00	10AUG08:15:18:00	4.1844	0.0821	2.0
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	4.0905	0.0395	1.0
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	4.3018	0.0306	0.7
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	4.1362	0.0513	1.2
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	4.1290	0.0907	2.2
873500_08	69	26SEP08:13:26:00	27OCT08:11:22:00	4.2071	0.0696	1.7
874100_08	51	02OCT08:14:32:00	22NOV08:13:56:00	4.1873	0.0703	1.7
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	4.1206	0.0501	1.2
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	4.2057	0.0439	1.0
874600_08	69	28NOV08:09:51:00	17DEC08:08:36:00	4.0964	0.0578	1.4

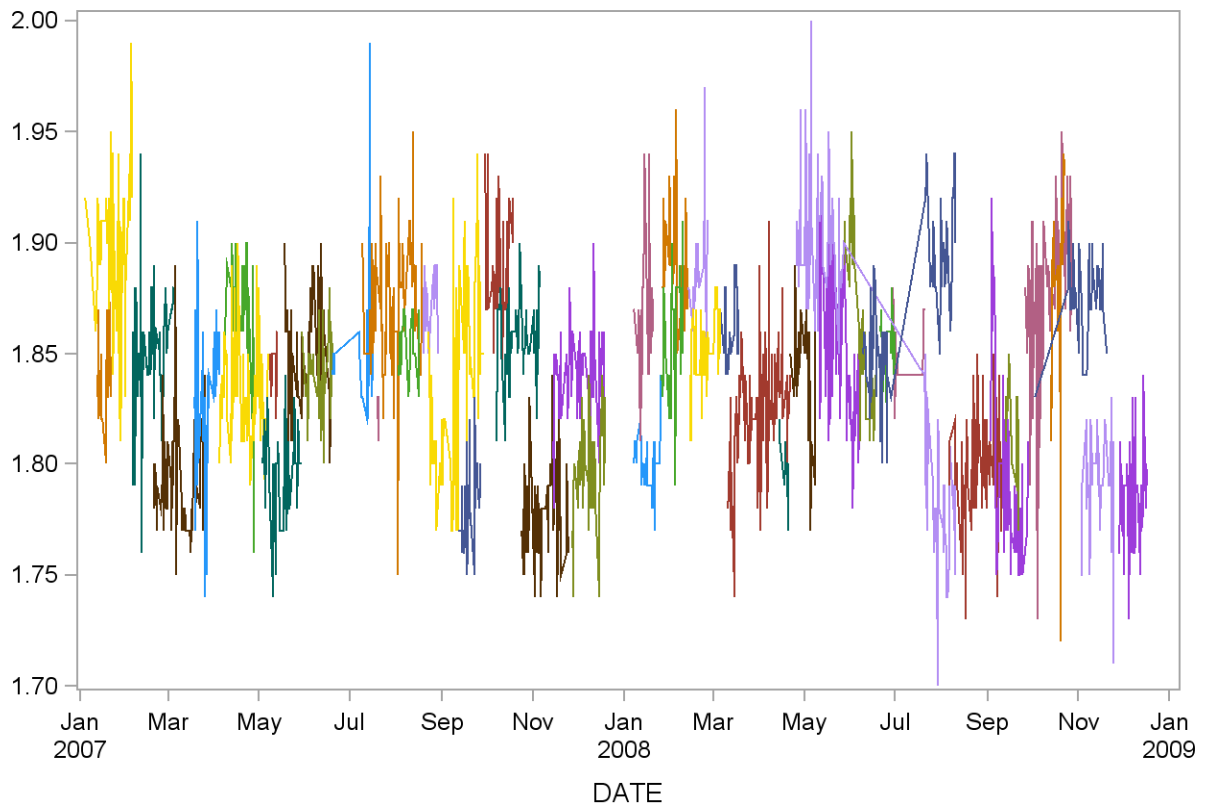
**Red Cell Count (10^6 cells/uL) (Abn I)
2007-2008 Quality Control**



**Red Cell Count (10⁶ cells/uL) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	57	04JAN07:11:45:00	04FEB07:13:44:00	1.8988	0.0351	1.8
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	1.8382	0.0207	1.1
863500_07	57	05FEB07:08:40:00	04MAR07:13:39:00	1.8502	0.0281	1.5
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	1.7897	0.0233	1.3
864100_07	51	18MAR07:11:32:00	04APR07:15:53:00	1.8251	0.0338	1.9
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	1.8328	0.0246	1.3
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	1.8673	0.0286	1.5
865000_07	44	03MAY07:10:47:00	29MAY07:12:57:00	1.7955	0.0206	1.1
864900_07	8	08MAY07:12:43:00	13MAY07:08:57:00	1.8450	0.0141	0.8
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	1.8485	0.0236	1.3
865500_07	31	29MAY07:17:53:00	19JUN07:08:53:00	1.8413	0.0193	1.0
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	1.8537	0.0370	2.0
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	1.8726	0.0295	1.6
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	1.8225	0.0096	0.5
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	1.8533	0.0132	0.7
866700_07	18	19AUG07:08:42:00	29AUG07:13:23:00	1.8722	0.0148	0.8
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	1.8376	0.0415	2.3
867300_07	35	11SEP07:19:08:00	26SEP07:09:51:00	1.7797	0.0185	1.0
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	1.8871	0.0252	1.3
867700_07	42	07OCT07:15:12:00	05NOV07:09:16:00	1.8545	0.0200	1.1
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	1.7764	0.0215	1.2
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	1.8410	0.0199	1.1
868500_07	41	27NOV07:13:36:00	19DEC07:13:28:00	1.7980	0.0229	1.3
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	1.8658	0.0305	1.6
868900_08	35	07JAN08:13:27:00	25JAN08:09:03:00	1.7991	0.0122	0.7
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	1.8900	0.0228	1.2
869500_08	24	26JAN08:12:15:00	09FEB08:14:31:00	1.8579	0.0277	1.5
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	1.8900	0.0247	1.3
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	1.8542	0.0183	1.0
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	1.8635	0.0166	0.9
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	1.8233	0.0245	1.3
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	1.7989	0.0145	0.8
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	1.8454	0.0278	1.5
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	1.8450	0.0637	3.5
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	1.8706	0.0414	2.2
861700_08	38	27MAY08:18:16:00	18JUN08:08:40:00	1.8582	0.0370	2.0
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	1.8418	0.0193	1.1
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	1.8642	0.0351	1.9
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	1.8488	0.0175	0.9
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	1.8579	0.0167	0.9
863400_08	80	06AUG08:11:18:00	13SEP08:08:36:00	1.7996	0.0228	1.3
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	1.7943	0.0375	2.1
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	1.8133	0.0227	1.3
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	1.8702	0.0415	2.2
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	1.8753	0.0186	1.0
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	1.8752	0.0459	2.4
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	1.7895	0.0238	1.3
865200_08	56	28NOV08:09:50:00	17DEC08:08:38:00	1.7855	0.0211	1.2

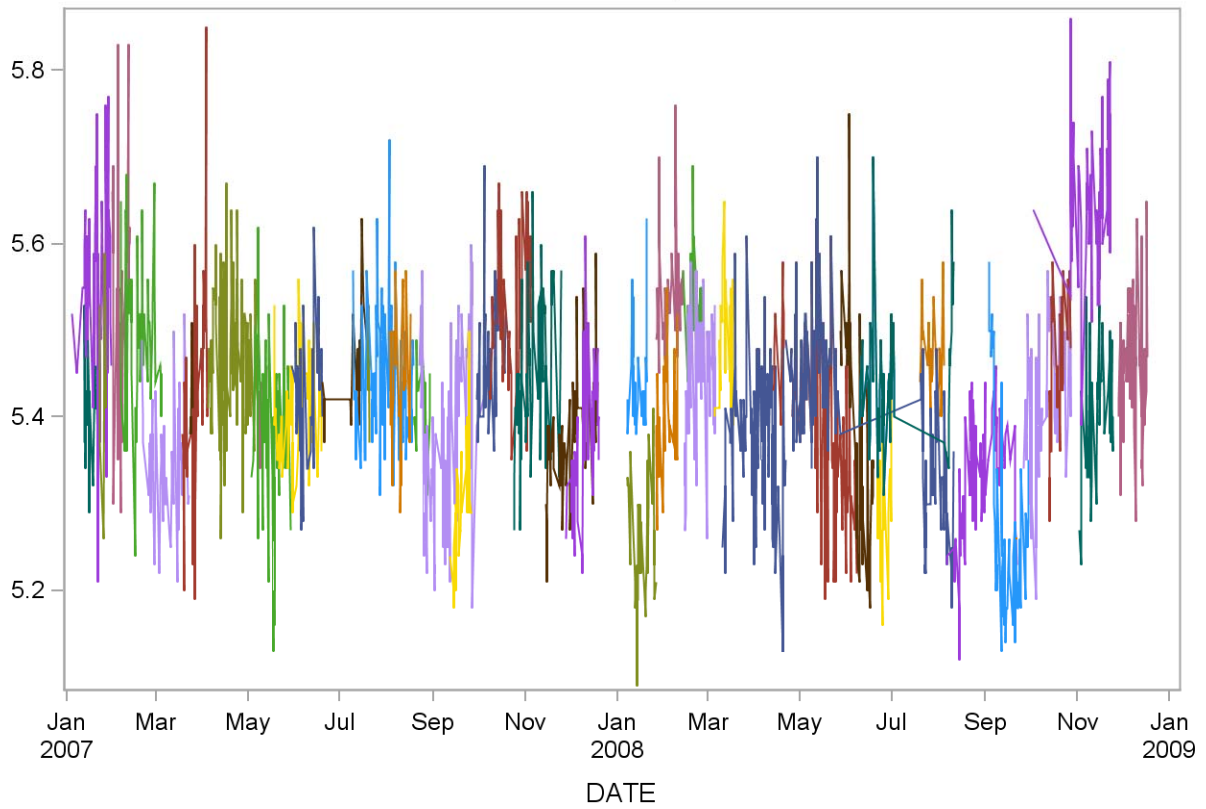
Red Cell Count (10^6 cells/uL) (Abn II)
2007-2008 Quality Control



**Red Cell Count (10⁶ cells/uL) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	54	04JAN07:11:42:00	30JAN07:12:43:00	5.5457	0.1111	2.0
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	5.4082	0.0625	1.2
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	5.4500	0.1251	2.3
881300_07	24	30JAN07:17:50:00	11FEB07:13:41:00	5.5371	0.1429	2.6
881400_07	47	05FEB07:17:25:00	04MAR07:14:23:00	5.4947	0.0880	1.6
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	5.3406	0.0691	1.3
882000_07	46	18MAR07:11:27:00	04APR07:15:56:00	5.4226	0.1176	2.2
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	5.4160	0.0541	1.0
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	5.4687	0.0795	1.5
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	5.3733	0.1011	1.9
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	5.4157	0.0387	0.7
883400_07	56	18MAY07:11:36:00	18JUN07:17:37:00	5.4111	0.0597	1.1
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	5.4200	0.0768	1.4
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	5.4511	0.0605	1.1
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	5.4476	0.0740	1.4
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	5.4300	0.0712	1.3
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	5.4362	0.0813	1.5
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	5.4106	0.0462	0.9
885400_07	74	22AUG07:11:56:00	04OCT07:08:31:00	5.3743	0.1007	1.9
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	5.2896	0.0725	1.4
886000_07	30	29SEP07:13:30:00	18OCT07:13:56:00	5.4760	0.0779	1.4
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	5.5059	0.0844	1.5
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	5.4420	0.0843	1.5
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	5.3769	0.0689	1.3
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	5.3683	0.0853	1.6
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	5.4404	0.0640	1.2
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	5.2552	0.0713	1.4
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	5.5515	0.0800	1.4
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	5.3984	0.0669	1.2
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	5.5362	0.0540	1.0
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	5.4350	0.0880	1.6
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	5.4860	0.0728	1.3
889400_08	85	10MAR08:11:09:00	21APR08:08:41:00	5.3704	0.0888	1.7
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	5.4767	0.0607	1.1
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	5.4496	0.0565	1.0
881900_08	100	25APR08:15:45:00	10AUG08:13:54:00	5.3925	0.0993	1.8
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	5.3949	0.1002	1.9
880600_08	37	27MAY08:18:14:00	18JUN08:14:04:00	5.3692	0.1310	2.4
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	5.4268	0.0660	1.2
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	5.4361	0.0733	1.3
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	5.3006	0.0713	1.3
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	5.4746	0.0471	0.9
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	5.3297	0.0658	1.2
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	5.2702	0.1128	2.1
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	5.4153	0.0772	1.4
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	5.6491	0.0856	1.5
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	5.4565	0.0744	1.4
883900_08	39	02NOV08:11:51:00	24NOV08:09:25:00	5.4008	0.0742	1.4
884700_08	61	28NOV08:09:49:00	17DEC08:08:35:00	5.4526	0.0714	1.3

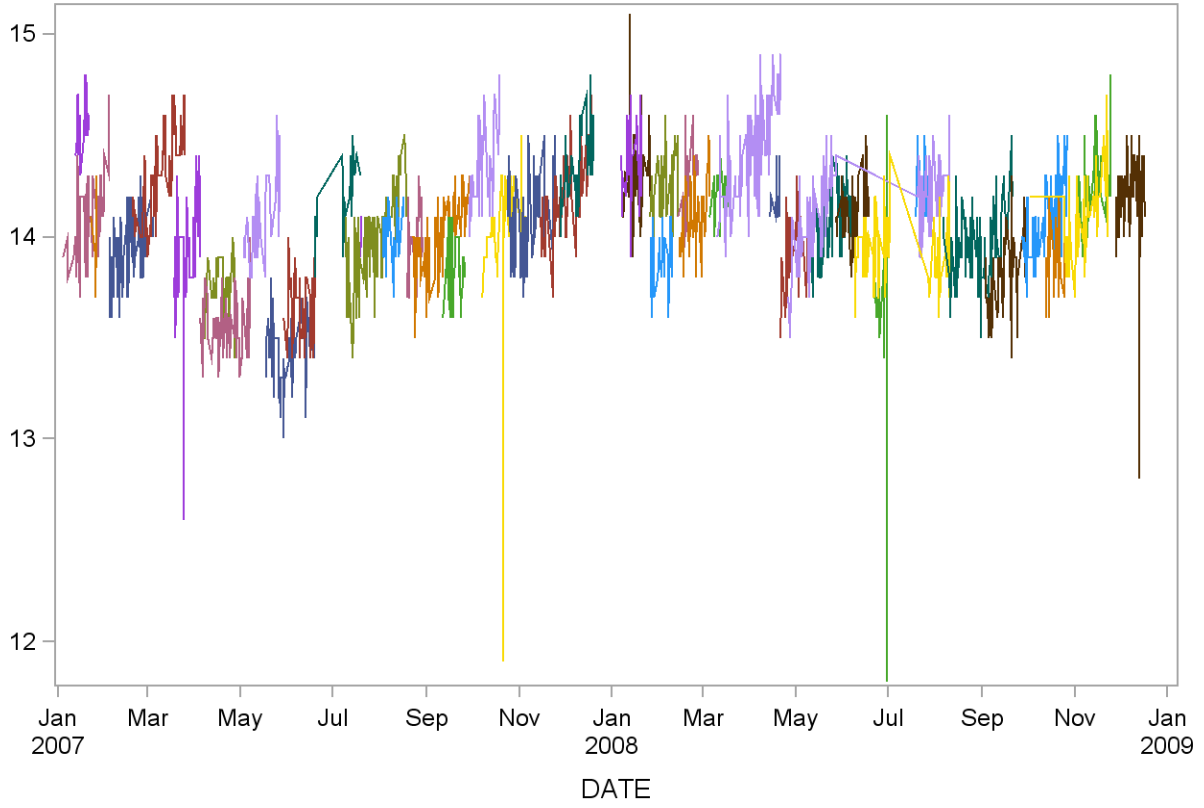
Red Cell Count (10^6 cells/uL) (Normal)
2007-2008 Quality Control



**Red cell distribution width (%) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	55	04JAN07:11:40:00	03FEB07:13:35:00	14.1036	0.1835	1.3
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	14.5450	0.1395	1.0
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	14.0143	0.2193	1.6
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	13.9403	0.1778	1.3
872600_07	57	19FEB07:14:29:00	25MAR07:17:22:00	14.3211	0.2194	1.5
873100_07	52	18MAR07:11:28:00	04APR07:15:54:00	13.9308	0.2683	1.9
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	13.5458	0.1369	1.0
873500_07	29	07APR07:08:47:00	27APR07:13:46:00	13.7448	0.1454	1.1
874000_07	35	03MAY07:10:41:00	27MAY07:08:42:00	14.0771	0.1926	1.4
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	13.4455	0.1741	1.3
874500_07	35	29MAY07:17:51:00	19JUN07:08:52:00	13.6486	0.1687	1.2
874600_07	20	19JUN07:12:37:00	19JUL07:08:45:00	14.2050	0.1791	1.3
875200_07	80	09JUL07:10:50:00	18AUG07:13:17:00	13.9863	0.2163	1.5
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	14.0500	0.1000	0.7
875600_07	20	03AUG07:08:50:00	16AUG07:13:54:00	13.9900	0.1447	1.0
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	13.9789	0.1782	1.3
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	14.0110	0.1655	1.2
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	13.8438	0.1501	1.1
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	14.3412	0.2091	1.5
876900_07	49	07OCT07:15:11:00	05NOV07:09:15:00	14.0163	0.3454	2.5
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	14.0722	0.2087	1.5
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	14.2061	0.2086	1.5
877800_07	37	27NOV07:13:35:00	19DEC07:13:26:00	14.3649	0.1829	1.3
878400_08	25	07JAN08:08:38:00	20JAN08:13:23:00	14.3720	0.1990	1.4
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	14.3073	0.2161	1.5
878800_08	33	26JAN08:10:30:00	13FEB08:09:32:00	14.2606	0.1638	1.1
878900_08	26	26JAN08:12:12:00	09FEB08:14:28:00	13.8692	0.1569	1.1
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	14.2789	0.1782	1.2
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	14.1286	0.1840	1.3
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	14.2095	0.1091	0.8
879900_08	88	10MAR08:11:11:00	21APR08:08:45:00	14.4080	0.2398	1.7
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	14.1900	0.1197	0.8
870400_08	28	21APR08:09:06:00	08MAY08:13:46:00	13.9250	0.1818	1.3
870800_08	98	25APR08:15:29:00	07JUN08:09:04:00	14.0418	0.2105	1.5
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	14.1214	0.2193	1.6
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	14.1333	0.1493	1.1
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	13.9413	0.1682	1.2
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	13.9625	0.1696	1.2
872000_08	24	21JUN08:09:11:00	30JUN08:13:37:00	13.6792	0.4634	3.4
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	14.2727	0.1489	1.0
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	13.9671	0.1757	1.3
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	13.8204	0.1837	1.3
873500_08	69	26SEP08:13:26:00	27OCT08:11:22:00	14.0681	0.1745	1.2
874100_08	51	02OCT08:14:32:00	22NOV08:13:56:00	14.1000	0.1918	1.4
873800_08	35	13OCT08:11:21:00	25OCT08:09:46:00	13.8943	0.1571	1.1
873900_08	36	03NOV08:11:44:00	24NOV08:18:31:00	14.2778	0.1884	1.3
874600_08	70	28NOV08:09:51:00	17DEC08:08:36:00	14.1657	0.2186	1.5

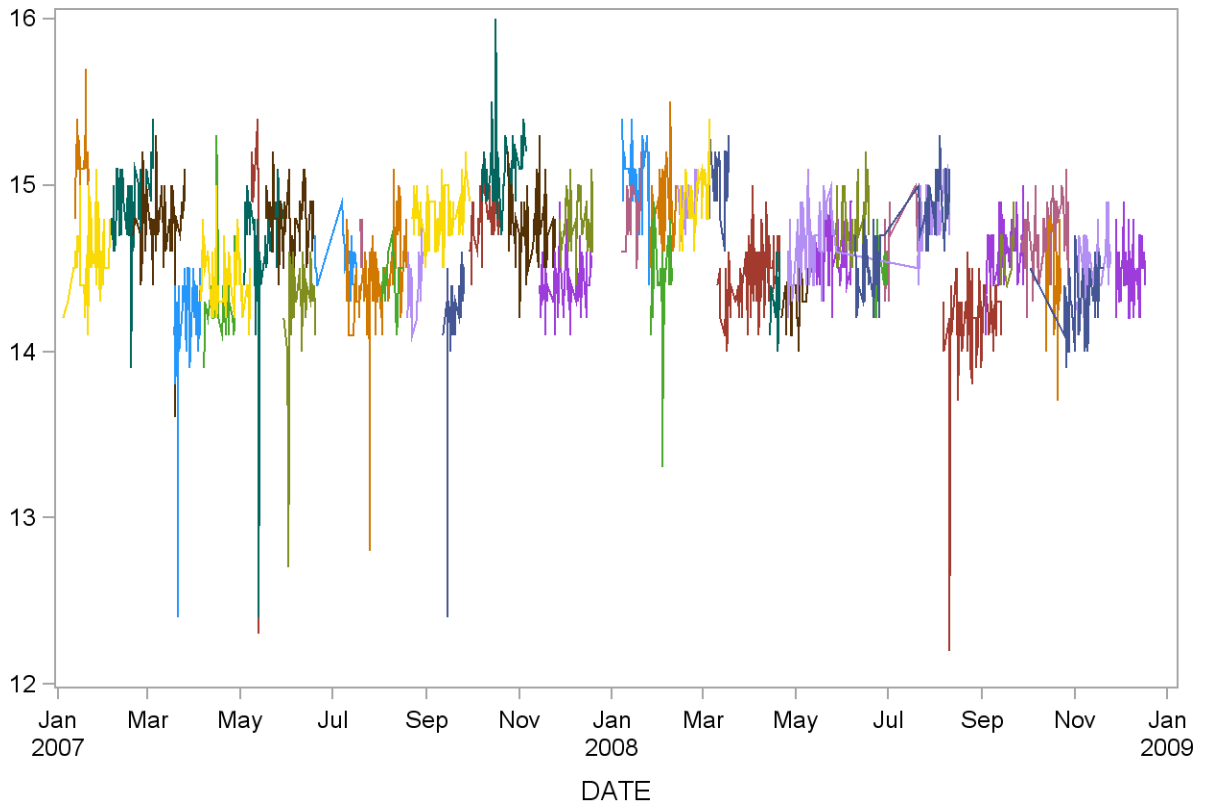
**Red cell distribution width (%) (Abn I)
2007-2008 Quality Control**



**Red cell distribution width (%) (Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	58	04JAN07:11:45:00	04FEB07:13:44:00	14.6017	0.2065	1.4
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	15.1529	0.1972	1.3
863500_07	58	05FEB07:08:40:00	04MAR07:13:39:00	14.8638	0.2117	1.4
863600_07	59	19FEB07:14:31:00	25MAR07:17:21:00	14.7797	0.2303	1.6
864100_07	52	18MAR07:11:32:00	04APR07:15:53:00	14.2096	0.3101	2.2
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	14.4500	0.1788	1.2
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	14.2967	0.2414	1.7
865000_07	45	03MAY07:10:47:00	29MAY07:12:57:00	14.6200	0.3975	2.7
864900_07	10	08MAY07:12:43:00	13MAY07:08:57:00	14.5400	1.1394	7.8
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	14.7906	0.1874	1.3
865500_07	33	29MAY07:17:53:00	19JUN07:08:53:00	14.2848	0.3289	2.3
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	14.5579	0.1427	1.0
866200_07	80	09JUL07:12:01:00	18AUG07:13:18:00	14.4338	0.2846	2.0
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	14.6500	0.1732	1.2
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	14.4524	0.1470	1.0
866700_07	20	19AUG07:08:42:00	29AUG07:13:23:00	14.4000	0.1806	1.3
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	14.8181	0.1504	1.0
867300_07	37	11SEP07:19:08:00	26SEP07:09:51:00	14.1703	0.4402	3.1
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	14.8059	0.1516	1.0
867700_07	43	07OCT07:15:12:00	05NOV07:09:16:00	15.1047	0.2193	1.5
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	14.7527	0.2053	1.4
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	14.4058	0.1673	1.2
868500_07	41	27NOV07:13:36:00	19DEC07:13:28:00	14.7805	0.1647	1.1
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	14.8208	0.1841	1.2
868900_08	39	07JAN08:13:27:00	25JAN08:13:19:00	15.0667	0.1910	1.3
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	14.8545	0.2195	1.5
869500_08	26	26JAN08:12:15:00	09FEB08:14:31:00	14.4038	0.3412	2.4
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	14.9053	0.1433	1.0
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	14.9237	0.1731	1.2
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	15.0350	0.1872	1.2
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	14.4548	0.1885	1.3
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	14.3444	0.2128	1.5
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	14.3125	0.1513	1.1
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	14.6102	0.1945	1.3
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	14.7311	0.1958	1.3
861700_08	38	27MAY08:18:16:00	18JUN08:08:40:00	14.7763	0.1852	1.3
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	14.4860	0.1578	1.1
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	14.6530	0.2624	1.8
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	14.4688	0.1662	1.1
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	14.6500	0.2103	1.4
863400_08	81	06AUG08:11:18:00	13SEP08:08:36:00	14.1840	0.2870	2.0
863600_08	54	03SEP08:11:15:00	29SEP08:08:38:00	14.6093	0.1719	1.2
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	14.6083	0.1443	1.0
864100_08	64	26SEP08:13:29:00	27OCT08:13:48:00	14.7109	0.1903	1.3
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	14.3083	0.2075	1.5
864400_08	26	13OCT08:11:23:00	22OCT08:13:50:00	14.4269	0.2692	1.9
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	14.5316	0.1787	1.2
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	14.4737	0.1609	1.1

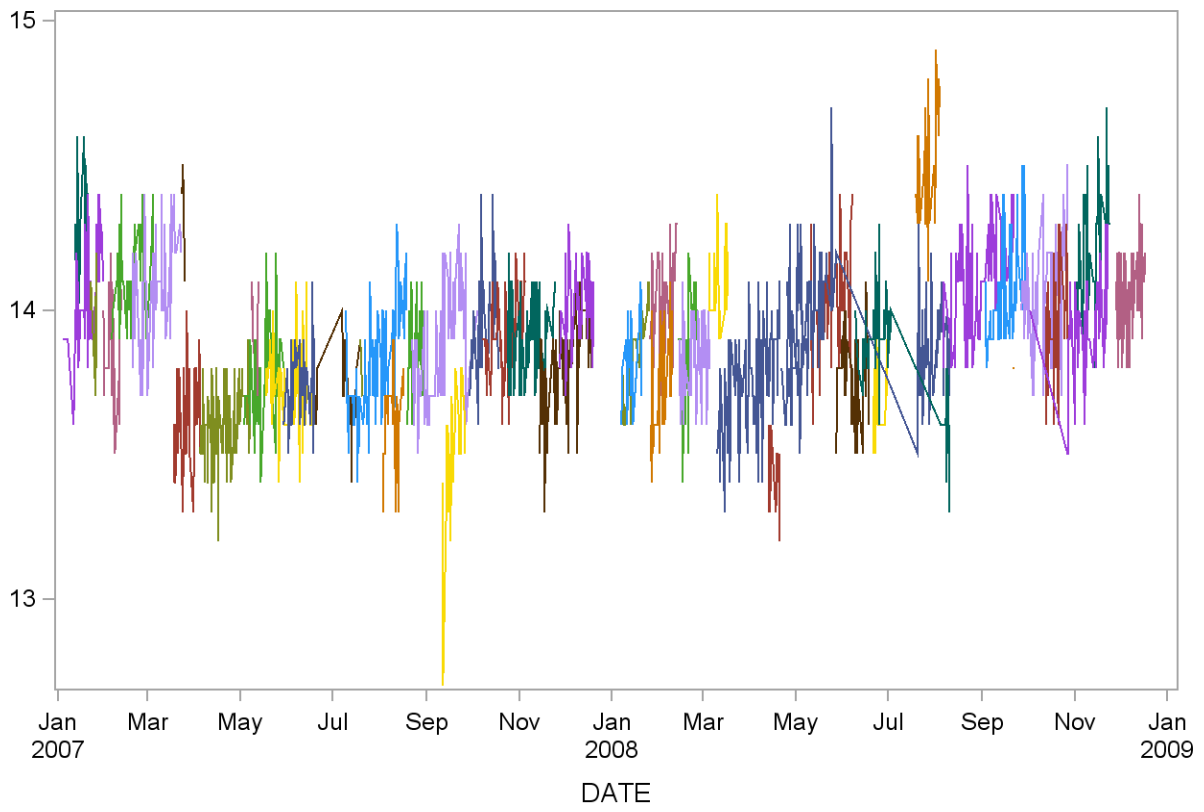
**Red cell distribution width (%) (Abn II)
2007-2008 Quality Control**



**Red cell distribution width (%) (Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	14.0636	0.1747	1.2
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	14.2588	0.1938	1.4
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	13.9667	0.1862	1.3
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	13.8880	0.1764	1.3
881400_07	47	05FEB07:17:25:00	04MAR07:14:23:00	14.1191	0.1345	1.0
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	14.0882	0.1894	1.3
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	13.6320	0.1518	1.1
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	14.3600	0.1673	1.2
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	13.6035	0.1340	1.0
883200_07	43	03MAY07:10:40:00	29MAY07:12:55:00	13.7860	0.1781	1.3
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	13.9571	0.1397	1.0
883400_07	56	18MAY07:11:36:00	18JUN07:17:37:00	13.7357	0.1445	1.1
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	13.7484	0.1411	1.0
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	13.7000	0.1374	1.0
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	13.8107	0.1824	1.3
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	13.7750	0.0957	0.7
885000_07	21	03AUG07:08:49:00	16AUG07:13:51:00	13.6238	0.1700	1.2
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	13.8647	0.1656	1.2
885400_07	74	22AUG07:11:56:00	04OCT07:08:31:00	13.8743	0.1888	1.4
885800_07	27	11SEP07:19:21:00	26SEP07:09:53:00	13.5148	0.2214	1.6
886000_07	31	29SEP07:13:30:00	18OCT07:13:56:00	13.9645	0.1872	1.3
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	13.9087	0.1518	1.1
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	13.8946	0.1407	1.0
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	13.8098	0.1746	1.3
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	14.0278	0.1406	1.0
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	13.8478	0.1377	1.0
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	13.8645	0.1427	1.0
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	14.0485	0.1716	1.2
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	13.7360	0.1997	1.5
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	13.8762	0.1895	1.4
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	13.8325	0.1421	1.0
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	14.1200	0.1473	1.0
889400_08	86	10MAR08:11:09:00	21APR08:08:41:00	13.7593	0.1843	1.3
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	13.4250	0.1288	1.0
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	13.7600	0.1291	0.9
881900_08	100	25APR08:15:45:00	10AUG08:13:54:00	13.9640	0.1878	1.3
880200_08	92	25APR08:15:45:00	07JUN08:08:52:00	14.0402	0.1754	1.2
880600_08	39	27MAY08:18:14:00	18JUN08:14:04:00	13.7667	0.1493	1.1
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	13.8741	0.1895	1.4
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	13.9341	0.1380	1.0
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	13.6778	0.1215	0.9
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	14.5333	0.2120	1.5
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	14.1013	0.1721	1.2
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	14.0647	0.1753	1.2
883300_08	63	26SEP08:13:28:00	27OCT08:13:47:00	14.0587	0.1766	1.3
884100_08	47	02OCT08:14:31:00	22NOV08:13:52:00	13.9340	0.1710	1.2
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	13.9529	0.1895	1.4
883900_08	39	02NOV08:11:51:00	24NOV08:09:25:00	14.2769	0.1980	1.4
884700_08	61	28NOV08:09:49:00	17DEC08:08:35:00	14.0639	0.1438	1.0

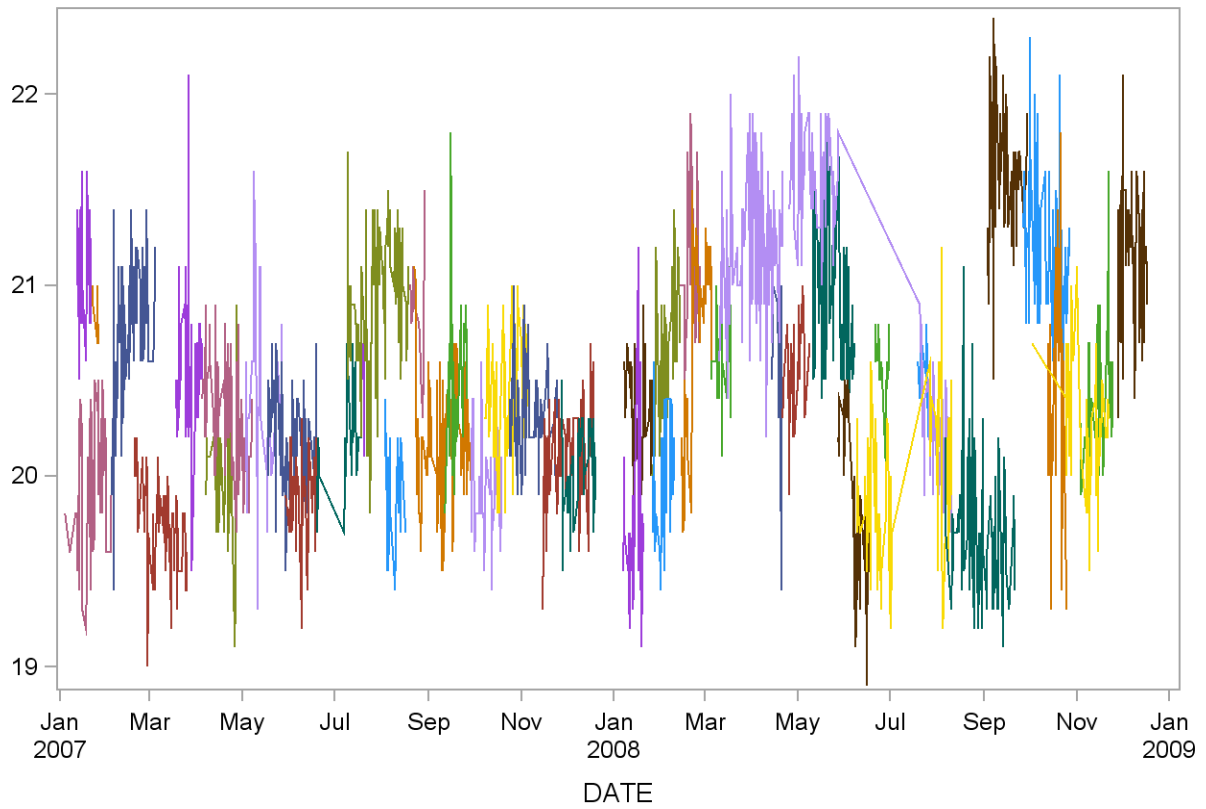
**Red cell distribution width (%) (Normal)
2007-2008 Quality Control**



**White Cell Count (10³ cells/uL) (Abn I)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
871900_07	55	04JAN07:11:40:00	03FEB07:13:35:00	19.9236	0.3266	1.6
871400_07	20	12JAN07:08:53:00	21JAN07:13:34:00	21.0600	0.3347	1.6
872000_07	7	22JAN07:09:09:00	26JAN07:13:43:00	20.8286	0.1380	0.7
872500_07	62	04FEB07:08:32:00	04MAR07:08:49:00	20.7306	0.4063	2.0
872600_07	56	19FEB07:14:29:00	25MAR07:17:22:00	19.7411	0.2418	1.2
873100_07	51	18MAR07:11:28:00	04APR07:15:54:00	20.5922	0.3746	1.8
873600_07	59	04APR07:14:10:00	07MAY07:08:35:00	20.3424	0.2854	1.4
873500_07	28	07APR07:08:47:00	27APR07:13:46:00	20.0357	0.3336	1.7
874000_07	34	03MAY07:10:41:00	27MAY07:08:42:00	20.3735	0.4870	2.4
874300_07	55	18MAY07:11:33:00	18JUN07:17:35:00	20.1673	0.2653	1.3
874500_07	34	29MAY07:17:51:00	19JUN07:08:52:00	19.8618	0.2570	1.3
874600_07	19	19JUN07:12:37:00	19JUL07:08:45:00	20.1789	0.2840	1.4
875200_07	78	09JUL07:10:50:00	18AUG07:13:17:00	20.9064	0.3739	1.8
874700_07	4	19JUL07:08:52:00	20JUL07:14:44:00	20.4250	0.2500	1.2
875600_07	19	03AUG07:08:50:00	16AUG07:13:54:00	19.8789	0.3029	1.5
875900_07	19	19AUG07:08:41:00	29AUG07:13:22:00	20.8579	0.2673	1.3
876000_07	73	22AUG07:11:57:00	29SEP07:08:38:00	20.1781	0.3185	1.6
876400_07	32	11SEP07:19:09:00	26SEP07:09:52:00	20.4594	0.3868	1.9
876500_07	34	29SEP07:10:55:00	18OCT07:13:54:00	19.9324	0.2738	1.4
876900_07	48	07OCT07:15:11:00	05NOV07:09:15:00	20.4167	0.3398	1.7
877300_07	54	24OCT07:12:45:00	24NOV07:13:29:00	20.3241	0.2441	1.2
877600_07	49	15NOV07:09:32:00	18DEC07:15:09:00	20.0959	0.2857	1.4
877800_07	37	27NOV07:13:35:00	19DEC07:13:26:00	20.0405	0.2242	1.1
878400_08	24	07JAN08:08:38:00	20JAN08:13:23:00	19.6958	0.4457	2.3
878300_08	41	07JAN08:13:26:00	26JAN08:09:34:00	20.3390	0.2448	1.2
878800_08	32	26JAN08:10:30:00	13FEB08:09:32:00	20.6563	0.3885	1.9
878900_08	25	26JAN08:12:12:00	09FEB08:14:28:00	19.9960	0.3360	1.7
879100_08	19	13FEB08:14:33:00	26FEB08:13:41:00	21.0789	0.3910	1.9
879300_08	35	14FEB08:11:01:00	05MAR08:13:37:00	20.7429	0.5066	2.4
879500_08	21	05MAR08:08:31:00	17MAR08:16:58:00	20.6048	0.2334	1.1
879900_08	87	10MAR08:11:11:00	21APR08:08:45:00	21.1931	0.3536	1.7
870300_08	10	14APR08:10:24:00	20APR08:13:25:00	20.5400	0.4648	2.3
870400_08	27	21APR08:09:06:00	08MAY08:13:46:00	20.5481	0.2651	1.3
872300_08	98	25APR08:15:29:00	10AUG08:13:55:00	21.0102	0.6869	3.3
870800_08	97	25APR08:15:29:00	07JUN08:09:04:00	21.2351	0.4509	2.1
871100_08	36	27MAY08:18:15:00	18JUN08:14:05:00	19.8389	0.4390	2.2
871500_08	48	09JUN08:10:25:00	02JUL08:13:28:00	19.7667	0.2963	1.5
872400_08	80	09JUN08:10:25:00	10AUG08:15:18:00	19.9250	0.3847	1.9
872000_08	22	21JUN08:09:11:00	30JUN08:13:37:00	20.5545	0.1792	0.9
871700_08	11	19JUL08:08:32:00	27JUL08:08:33:00	20.5182	0.1888	0.9
872800_08	82	06AUG08:11:17:00	21SEP08:09:10:00	19.7415	0.3442	1.7
873000_08	49	03SEP08:11:13:00	29SEP08:17:10:00	21.5837	0.3424	1.6
873500_08	67	26SEP08:13:26:00	27OCT08:11:22:00	21.2343	0.3566	1.7
874100_08	50	02OCT08:14:32:00	22NOV08:13:56:00	20.2640	0.3492	1.7
873800_08	34	13OCT08:11:21:00	25OCT08:09:43:00	20.4412	0.5955	2.9
873900_08	35	03NOV08:11:44:00	24NOV08:18:31:00	20.4171	0.3502	1.7
874600_08	68	28NOV08:09:51:00	17DEC08:08:36:00	21.1382	0.3274	1.5

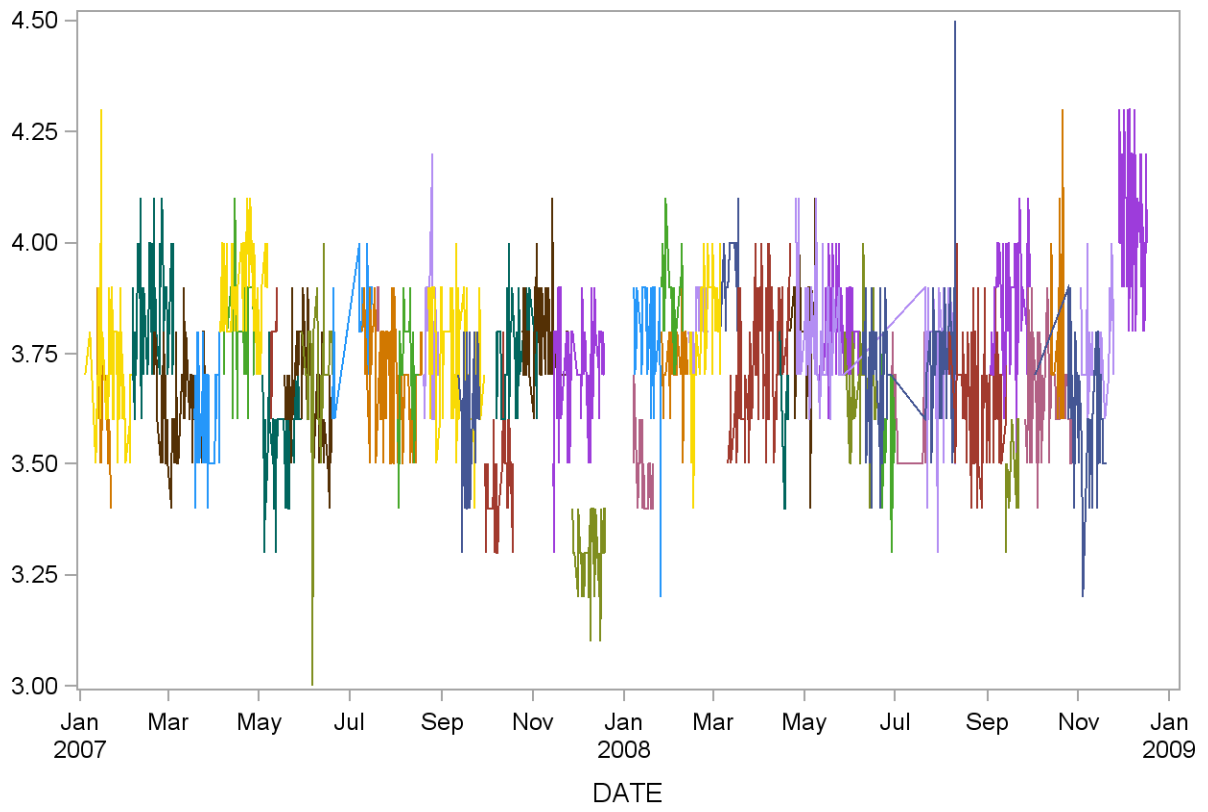
White Cell Count (10^3 cells/uL) (Abn I)
2007-2008 Quality Control



**White Cell Count (10³ cells/uL)(Abn II)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
863000_07	58	04JAN07:11:45:00	04FEB07:13:44:00	3.7103	0.1373	3.7
862400_07	17	12JAN07:08:55:00	21JAN07:13:31:00	3.6176	0.1334	3.7
863500_07	56	05FEB07:08:40:00	04MAR07:13:39:00	3.8464	0.1293	3.4
863600_07	58	19FEB07:14:31:00	25MAR07:17:21:00	3.6276	0.1073	3.0
864100_07	51	18MAR07:11:32:00	04APR07:15:53:00	3.6157	0.1084	3.0
864600_07	54	04APR07:14:09:00	07MAY07:08:34:00	3.8981	0.0961	2.5
864500_07	30	07APR07:08:50:00	27APR07:13:45:00	3.8167	0.1147	3.0
865000_07	44	03MAY07:10:47:00	29MAY07:12:57:00	3.5432	0.1087	3.1
864900_07	8	08MAY07:12:43:00	13MAY07:08:57:00	3.7750	0.0886	2.3
865200_07	53	18MAY07:11:35:00	18JUN07:17:38:00	3.6642	0.1145	3.1
865500_07	32	29MAY07:17:53:00	19JUN07:08:53:00	3.6938	0.1645	4.5
865600_07	19	19JUN07:12:34:00	16JUL07:09:35:00	3.8105	0.1197	3.1
866200_07	78	09JUL07:12:01:00	18AUG07:13:18:00	3.6756	0.1219	3.3
865700_07	4	19JUL07:08:53:00	20JUL07:14:46:00	3.8500	0.0577	1.5
866500_07	21	02AUG07:09:30:00	16AUG07:13:57:00	3.7143	0.1236	3.3
866700_07	19	19AUG07:08:42:00	29AUG07:13:23:00	3.7737	0.1447	3.8
866900_07	72	22AUG07:12:00:00	29SEP07:08:39:00	3.7333	0.1233	3.3
867300_07	35	11SEP07:19:08:00	26SEP07:09:51:00	3.5543	0.1421	4.0
867400_07	34	29SEP07:13:29:00	18OCT07:13:52:00	3.4588	0.1158	3.3
867700_07	41	07OCT07:15:12:00	05NOV07:09:16:00	3.7732	0.1025	2.7
868100_07	55	24OCT07:12:44:00	24NOV07:13:32:00	3.7855	0.0951	2.5
868400_07	52	14NOV07:11:27:00	18DEC07:15:43:00	3.7135	0.1299	3.5
868500_07	40	27NOV07:13:36:00	19DEC07:13:28:00	3.2975	0.0800	2.4
869200_08	24	07JAN08:08:35:00	20JAN08:13:22:00	3.4875	0.0797	2.3
868900_08	36	07JAN08:13:27:00	25JAN08:09:03:00	3.7889	0.1410	3.7
869400_08	33	26JAN08:10:31:00	12FEB08:12:46:00	3.7364	0.0859	2.3
869500_08	24	26JAN08:12:15:00	09FEB08:14:31:00	3.8792	0.0884	2.3
869700_08	19	13FEB08:14:31:00	26FEB08:13:39:00	3.8053	0.0780	2.0
869900_08	38	14FEB08:11:03:00	05MAR08:16:00:00	3.8053	0.1293	3.4
860100_08	20	05MAR08:08:33:00	17MAR08:17:02:00	3.9400	0.0821	2.1
860600_08	93	10MAR08:11:07:00	21APR08:08:43:00	3.7183	0.1398	3.8
860900_08	9	14APR08:10:25:00	20APR08:13:27:00	3.6222	0.1481	4.1
861000_08	24	21APR08:17:44:00	08MAY08:13:48:00	3.8250	0.1422	3.7
862900_08	106	25APR08:15:30:00	10AUG08:13:59:00	3.7472	0.1354	3.6
861400_08	98	25APR08:15:30:00	07JUN08:09:20:00	3.7980	0.1130	3.0
861700_08	37	27MAY08:18:16:00	18JUN08:08:40:00	3.6676	0.1270	3.5
862200_08	50	09JUN08:10:27:00	28JUN08:08:55:00	3.6660	0.1334	3.6
863000_08	83	09JUN08:10:27:00	10AUG08:15:13:00	3.6952	0.1529	4.1
862600_08	16	21JUN08:09:12:00	30JUN08:13:39:00	3.5688	0.1302	3.6
862300_08	14	28JUN08:13:35:00	21JUL08:08:36:00	3.6357	0.1008	2.8
863400_08	80	06AUG08:11:18:00	13SEP08:08:36:00	3.6400	0.1279	3.5
863600_08	53	03SEP08:11:15:00	29SEP08:08:38:00	3.8509	0.1353	3.5
863900_08	12	13SEP08:08:47:00	21SEP08:13:54:00	3.4667	0.0985	2.8
864100_08	63	26SEP08:13:29:00	27OCT08:13:48:00	3.6444	0.1133	3.1
864700_08	36	02OCT08:14:33:00	20NOV08:09:28:00	3.6000	0.1549	4.3
864400_08	25	13OCT08:11:23:00	22OCT08:13:50:00	3.7960	0.1620	4.3
864500_08	38	02NOV08:11:40:00	24NOV08:09:27:00	3.7658	0.1047	2.8
865200_08	57	28NOV08:09:50:00	17DEC08:08:38:00	4.0456	0.1428	3.5

**White Cell Count (10³ cells/uL)(Abn II)
2007-2008 Quality Control**



**White Cell Count (10³ cells/uL)(Normal)
Summary Statistics**

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation (%)
880800_07	55	04JAN07:11:42:00	30JAN07:12:43:00	8.7818	0.1668	1.9
880300_07	17	12JAN07:08:50:00	21JAN07:13:32:00	9.1471	0.1125	1.2
880900_07	6	22JAN07:09:08:00	26JAN07:13:39:00	9.2500	0.2345	2.5
881300_07	25	30JAN07:17:50:00	11FEB07:13:41:00	9.1360	0.1114	1.2
881400_07	46	05FEB07:17:25:00	04MAR07:14:23:00	9.4522	0.1735	1.8
881500_07	51	19FEB07:14:27:00	22MAR07:17:30:00	9.3608	0.1511	1.6
882000_07	50	18MAR07:11:25:00	04APR07:15:56:00	9.4240	0.1880	2.0
882100_07	5	23MAR07:13:57:00	25MAR07:08:36:00	9.3800	0.1304	1.4
882700_07	85	04APR07:14:12:00	07MAY07:08:36:00	9.2812	0.1955	2.1
883200_07	41	03MAY07:10:40:00	29MAY07:12:55:00	9.3512	0.1951	2.1
883100_07	7	08MAY07:12:41:00	13MAY07:08:31:00	9.5429	0.0976	1.0
883400_07	55	18MAY07:11:36:00	18JUN07:17:37:00	9.2164	0.1989	2.2
883700_07	31	29MAY07:17:50:00	19JUN07:08:50:00	8.8419	0.1205	1.4
884000_07	19	19JUN07:12:35:00	19JUL07:08:44:00	9.2211	0.1228	1.3
884600_07	84	09JUL07:10:49:00	18AUG07:13:16:00	9.0762	0.1428	1.6
884200_07	4	19JUL07:08:50:00	20JUL07:14:43:00	9.2500	0.1915	2.1
885000_07	22	03AUG07:08:49:00	16AUG07:13:51:00	8.7864	0.1642	1.9
885200_07	17	19AUG07:08:40:00	29AUG07:13:19:00	9.3353	0.1272	1.4
885400_07	72	22AUG07:11:56:00	04OCT07:08:31:00	9.3472	0.1854	2.0
885800_07	26	11SEP07:19:21:00	26SEP07:09:53:00	9.0462	0.2140	2.4
886000_07	31	29SEP07:13:30:00	18OCT07:13:56:00	9.1355	0.1942	2.1
886400_07	46	07OCT07:15:04:00	05NOV07:09:13:00	9.3739	0.1482	1.6
886800_07	56	24OCT07:12:46:00	24NOV07:08:21:00	8.6768	0.1935	2.2
887100_07	51	14NOV07:13:20:00	18DEC07:15:05:00	8.9235	0.1544	1.7
887300_07	36	27NOV07:13:37:00	19DEC07:13:27:00	9.3944	0.1413	1.5
887900_08	23	07JAN08:08:36:00	20JAN08:13:21:00	9.0261	0.1711	1.9
887700_08	31	07JAN08:13:22:00	26JAN08:08:40:00	9.2097	0.1513	1.6
888100_08	33	26JAN08:10:28:00	13FEB08:08:35:00	9.3545	0.1752	1.9
888300_08	25	26JAN08:11:57:00	09FEB08:14:27:00	9.2440	0.1685	1.8
888500_08	21	13FEB08:13:35:00	26FEB08:13:40:00	9.4333	0.1798	1.9
888600_08	40	14FEB08:11:00:00	05MAR08:13:34:00	9.3700	0.2623	2.8
888900_08	20	05MAR08:08:29:00	17MAR08:16:57:00	9.4900	0.1071	1.1
889400_08	86	10MAR08:11:09:00	21APR08:08:41:00	9.0174	0.2181	2.4
889800_08	12	13APR08:10:29:00	20APR08:13:28:00	9.3750	0.1603	1.7
880000_08	25	21APR08:17:42:00	08MAY08:13:43:00	9.7400	0.1384	1.4
881900_08	99	25APR08:15:45:00	10AUG08:13:54:00	9.1495	0.2589	2.8
880200_08	91	25APR08:15:45:00	07JUN08:08:52:00	9.2396	0.1937	2.1
880600_08	37	27MAY08:18:14:00	18JUN08:14:04:00	9.2514	0.2694	2.9
882000_08	54	09JUN08:10:28:00	10AUG08:15:10:00	9.3056	0.2060	2.2
881100_08	44	09JUN08:10:28:00	02JUL08:13:30:00	9.3523	0.1935	2.1
881600_08	18	21JUN08:09:10:00	30JUN08:13:33:00	9.1000	0.1715	1.9
881300_08	24	19JUL08:08:30:00	04AUG08:08:34:00	9.5750	0.1775	1.9
882500_08	79	06AUG08:11:15:00	21SEP08:13:49:00	8.9380	0.1538	1.7
882800_08	51	03SEP08:11:08:00	29SEP08:17:04:00	9.0745	0.1683	1.9
883300_08	62	26SEP08:13:28:00	27OCT08:13:47:00	8.9597	0.1769	2.0
884100_08	46	02OCT08:14:31:00	22NOV08:13:52:00	8.7413	0.3015	3.4
883800_08	34	13OCT08:11:20:00	27OCT08:10:40:00	9.1353	0.3218	3.5
883900_08	40	02NOV08:11:51:00	24NOV08:18:33:00	9.1750	0.2133	2.3
884700_08	62	28NOV08:09:49:00	17DEC08:08:35:00	9.1758	0.1896	2.1

**White Cell Count (10^3 cells/uL)(Normal)
2007-2008 Quality Control**

