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_H	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)

A complete blood count (CBC) is performed in duplicate on all study participants (SPs) aged 1 year and older. The CBC is performed on the Coulter® DxH 800 analyzer using the SP's EDTA blood tubes which are obtained via the phlebotomy component.

I. Purpose and Principle of Test

Purpose and Principle of Test

The UniCel DxH 800 analyzer is a quantitative, automated hematology analyzer for in-vitro diagnostic use in screening patient populations in clinical laboratories. The UniCel DxH 800 Analyzer provides the following: CBC, Leukocyte 5-Part Differential (Diff), Reticulocyte (Retic), and Nucleated Red Blood Cell (NRBC) on whole blood.

NOTE: The NHANES study does not use the reticulocyte data, and the NRBC is used only for calculating a corrected white blood cell count.

The UniCel DxH 800 Analyzer measures the following parameters:

WBC	White Blood Cell count
UWBC	Uncorrected White Blood Cell count
RBC	Red Blood Cell count (for Whole Blood and Body Fluids)
Hgb	Hemoglobin
Hct	Hematocrit
MCV	Mean Corpuscular Volume
MCH	Mean Corpuscular Hemoglobin
MCHC	Mean Corpuscular Hemoglobin Concentration
RDW	Red Cell Distribution Width
RDW-SD	Red Cell Distribution Width Standard Deviation (SD)
PLT	Platelet count
MPV	Mean Platelet Volume
NE	Neutrophil percent
LY	Lymphocyte percent
MO	Monocyte percent
EO	Eosinophil percent
BA	Basophil percent
NE#	Neutrophil absolute number
LY#	Lymphocyte absolute number
MO#	Monocyte absolute number
EO#	Eosinophil absolute number
BA#	Basophil absolute number
NRBC	Nucleated Red Blood Cell percent
NRBC#	Nucleated Red Blood Cell absolute number
RET	Reticulocyte percent
RET#	Reticulocyte absolute number
MRV	Mean Reticulocyte Volume
IRF	Immature Reticulocyte Fraction
TNC	Total Nucleated Cell (Body Fluids)

Coulter Method

In 1956, Wallace Coulter described the Coulter Principle as follows: A suspension of blood cells is passed through a small orifice simultaneously with an electric current. The individual blood cells passing through the orifice introduce an impedance change in the orifice determined by the size of the cell.

Each cell suspended in a conductive liquid (diluent) acts as an insulator. As each cell passes 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 purposes of counting, the vacuum used to pull the diluted suspension of cells through the aperture must be at a regulated volume. The number of recorded pulses indicates particle count, and the size of the electrical pulse is proportional to the cell volume. In addition, the system counts the individual cells and provides cell size distribution. The number of cells counted per sample is approximately 100 times greater than the usual microscope count which reduces the odds of statistical error approximately 10 times.

VCSn Technology

Historically, Beckman Coulter analyzers housed a flow cell in a Triple Transducer Module (TTM), which was first introduced commercially in the 1980's. The TTM flow cell was the location for detection of the processed samples. The TTM produced three measurement signals—volume, conductivity, and light scatter.

The DxH 800 system replaces the TTM with the Multi-Transducer Module (MTM), which measures additional multiple angles of light scatter, a major improvement over the single light scatter measured by the TTM. All Diff, NRBC, and Retic analysis occurs in the VCSn module. The VCSn module is responsible for controlled sample preparation and delivery of the prepared sample to the flow cell for analysis of the WBC differential, reticulocyte, and NRBC. The VCSn module includes the Air Mix and Temperature Control (AMTC) and the Multi-Transducer Module (MTM).

In the flow cell, low-frequency direct current measures volume, while high-frequency (RF) current senses cellular internal content through measuring changes in conductivity.

The MTM uses a flow cell to pass particles through a sensing zone, one particle at a time, and a diode laser to illuminate the particles. The illuminated particles both scatter and absorb a portion of

the incident light. Sensors strategically placed around the flow cell collect the scattered light of interest. An additional sensor placed in the laser path measures the amount of light removed due to light scatter and absorption. This measurement is called Axial Light Loss.

Dataplot Development

The System Manager (SM) performs a series of operations on the stored digital raw values received from the flow cell to identify populations and calculate the frequency of cells within each population. The system produces the dataplot displays for visual representation of the Differential, NRBC membership (types of cells), and density (concentration).

The DxH 800 system algorithm uses tools designed for finding optimal separation between overlapping clusters of data.

The algorithm can:

- Adapt to unusual population shifts and overlaps;
- Define highly irregular separation;
- Make subsequent analysis of the identified regions; and
- Correct deficiencies in separation.

In the dataplots, different colors represent different memberships. Shades of colors represent density: dark colors for low density and bright colors for high density, as shown in the following listing:

NRBC Analysis		**Diff Analysis**	
NRBC	Red	Lymphocyte	Blue
Other*	Green	Monocyte	Green
WBC	Blue	Neutrophil	Purple
		Eosinophil	Orange
		Basophil	White
		Non-White Cell	Red

*** Others include RBC debris, and PLT debris, etc.**

Parameter Measurement, Derivation, and Calculation

The following exhibit lists each reportable parameter and the method used to obtain the results. A description of the method is also included.

Exhibit 6-1. Reportable parameters and analysis methods

Parameter (Reporting Units in US-1 Format)	Method	Description
WBC	Coulter Principle	White Blood Cell Count or Leukocyte Count ■ Measure directly, multiplied by the calibration factor. ■ Corrected for interference if necessary. If no correction is required, then WBC = UWBC. ■ WBC = N x 10^3 cells/µL.
UWBC	Coulter Principle	Uncorrected White Blood Cell ■ Measure directly, multiplied by the calibration factor. ■ UWBC = N x 10^3 cells/µL.
RBC	Coulter Principle	Red Blood Cell Count or Erythrocyte Count ■ Measure directly, multiplied by the calibration factor. ■ Corrected for very high white count if necessary. ■ RBC = N X 10^6 cells/µL.
Hgb	Photometric Measurement	Hemoglobin or Hemoglobin Concentration ■ Transmittance of light at 525 nm through a lysed WBC solution in the Hgb cuvette, compared to the transmittance of the same light through a reagent blank. The system converts this ratio to the Hgb value using a calibration factor. ■ Weight (mass) of Hgb determined from the degree of absorbance found through photo current transmittance expressed in g/dL. ■ Corrected for WBC interference. ■ Hgb (g/dL) = [constant X $\log^{10}$ (Reference %T/Sample %T)].

Exhibit 6-1. Reportable parameters and analysis methods (continued)

Parameter (Reporting Units in US-1 Format)	Method	Description
Hct	Calculated	Hematocrit ■ The relative volume of packed erythrocytes to whole blood. ■ Hct (%) = RBC X MCVV[10]).
MCV	Derived from RBC Histogram	Mean Corpuscular Volume ■ The average volume of individual erythrocytes derived from the RBC histogram. ■ The system multiples the number of RBC in each channel by the size of the RBC in that channel. The products of each channel between 36 and 360 femtoliters (fL) are added. This sum is

divided by the total number of RBC between 36 and 360 fL. The analyzer then multiplies by a calibration factor.
- **Corrected for WBC interference.**
- **Expressed in fL.**

The DxH 800 system includes a Specimen Processing Module (SPM), a Pneumatic Supply Module (PSM), and a System Manager (SM), precisely integrated to provide process control, data consolidation, and cassette or single-tube delivery of specimens.

Components of DxH 800

The Specimen Processing Module (SPM)

The SPM is made up of the following functional modules:

- **Specimen Transport Module (STM).** The STM automatically transports specimens, delivering closed-vial and open-vial specimens, which accommodates a wide range of specimen tubes. The STM supports the following:
  - Operator loading and unloading of specimens.
  - Transport and queuing of specimens.
  - Mixing and presentation of specimens.
  - A Magnetic Transport System to move cassettes containing specimens.

- **Sample Aspiration Module (SAM).** The SAM aspirates from capped specimen tubes (presented via cassette or single-tube presentation) or open vials (single-tube presentation). Body fluids are presented via single-tube, while whole bloods can be presented in either presentation mode. The identification and integrity of samples are verified prior to delivery and transfer to the analytical modules within the system. The SAM design provides for two methods of sample delivery: sample segmentation and sample dispensing. In sample segmentation, aspirated sample is transferred through the BSV where it is segmented for whole blood CBC and body fluid. In sample dispensing, whole blood sample segments are dispensed via the aspiration probe into the mixing chambers on the Air Mix Temperature Control Module (AMTC) for the WBC differential, and NRBC analyses.

- **VCSn Module.** The VCSn module provides the physical processing elements necessary for the Differential and NRBC sample preparation and subsequent measurement. This module includes the Distribution Valve (DV), Air Mix Temperature Control (AMTC) module, Multi-transducer Module (MTM) and their associated electronics and fluidics. Samples prepared at the AMTC are delivered to the MTM where the sample detection occurs.

- **CBC Assembly.** The CBC Assembly provides the physical processing elements necessary for CBC sample conditioning (combining of reagents and the sample segment, mixing, and incubation) and measurement via the aperture bath assemblies, the Hgb assembly, and the electrical signal conditioning circuits.

- Common services consist of the Electronic Supply Module, Pneumatic Services, and Reagent Services (supply and distribution). Common Services provides and monitors electronic power and supplies and monitors the reagent and waste levels as well as the pressure and vacuum.

The System Manager

The DxH 800 System Manager is responsible for:

- Controlling processes, such as analytic and diagnostic procedures.

- Producing test results.

- Managing data, such as test ordering, result, review and release, quality control, LIS interface, logging, and report generation.

- The System Manager includes an LCD flat panel monitor with touch screen capability, a computer with a CD/DVD RW drive running Microsoft Windows operating system, the DxH 800 software, a standard keyboard, and an optical mouse.

Pneumatic Supply Module (PSM)

The Pneumatic Supply Module supplies vacuum and pressure to the SPM.

II. Special Safety Precautions

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

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

III. Computerization: Integrated Survey Information System (ISIS)

The DxH 800 System Manager (SM) transmits individual study participant (SP) results to the MEC automated ISIS system. All SP results are reviewed at the DxH 800 SM monitor.

The ISIS hematology module in the laboratory application automatically receives the results, or results are transmitted 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

Specimen Collection

- The phlebotomist collects a 3 or 4-ml K3 EDTA (ethylene diamine-tetracetic acid) tube, used for a CBC on all SPs aged 1 year and older, following the established venipuncture protocol and procedures. (A 1-2% dilution effect occurs in this liquid EDTA tube.)
- Sample volume is 165µL of whole blood in the closed-vial mode or the single tube presentation mode. The minimum sample volume per tube in the closed-vial mode is 1-ml with the proper proportion of blood to anticoagulant.

Specimen Preparation

- For SPs 1-5 years old, the medical technologist working in the blood specimen-processing workstation initially processes the tube by first taking off whole blood required for various tests in the SP's profile. The medical technologist working in the blood specimen-processing workstation places the specimen on a rocker until the medical technologist working in the hematology workstation can perform the CBC. The CBC should be run as soon as possible; there is no requirement to wait any length of time between drawing the blood and running the CBC.
- There is a dedicated tube drawn for the CBC on SPs aged 6 years and older.

V. Procedure for Microscopic Examination

Not Applicable. Do not prepare differential microscopic slides.

VI. Preparation of Reagents, Calibrators (Standards), Controls, and Other Materials; Equipment and Instrumentation

Reagents and Supplies

DxH reagents, including storage and handling requirements, are listed below:

- Coulter DxH diluent (store at 2 - 40° C).
  - Coulter DxH diluent is shipped in ready-to-use containers.
  - Opened containers are stable for 60 days. Do not use this product beyond the expiration date.

  - Coulter DxH diluent is a cyanide-free, isotonic buffered saline solution.

  - Coulter DxH diluent dilutes the specimen, is used for rinsing SPM components between sample analyses, and provides a sheath stream to transport the specimen through the flow cell.

- Coulter DxH Lyse reagent (store at 2 - 40° C).

  - Coulter DxH Lyse reagent is shipped in ready-to-use containers.

  - Opened containers are stable for 60 days. Do not use this product beyond the expiration date.

  - Coulter DxH Lyse is a cyanide-free, CBC lytic reagent that lyses red blood cells for the white blood cell count and works in conjunction with Coulter DxH Diluent to generate a stable hemoglobin measurement.

  - Coulter DxH Cell Lyse is also used to lyse the red blood cells and discriminates nucleated red blood cells from white blood cells.

- Coulter DxH Diff Pack (store at 2–25° C).

  - Coulter DxH Diff Pack is shipped in ready-to-use containers.

  - Opened containers are stable for 60 days. Do not use this product beyond the expiration date.

  - The Coulter DxH Diff Pack consists of the Erythrolyse Lytic reagent and StabliLyse Preservative reagent.

  - The Erythrolyse Lytic reagent is a cyanide-free lytic reagent that dilutes the blood sample and lyses red blood cells in preparation for white blood cell measurement in the flow cell.

  - The StabiLyse Preservative reagent neutralizes the Diff lytic reagent and preserves the white blood cells for measurement in the flow cell. Together, Erythrolyse and StabiLyse provide the five-part differential.

- Coulter DxH cleaner (store at 2–25° C).

  - Coulter DxH cleaner is shipped in ready-to-use containers.

  - Opened containers are stable for 90 days. Do not use this product beyond the expiration date.

  - DxH cleaner is a cyanide-free, aldehyde-free cleaning agent that degrades residual materials so that they may be flushed from the system with diluent.

NOTE: If any Coulter DxH reagent has been partially or completely frozen, allow the product to warm to room temperature. Mix product by gentle inversion prior to placement on the instrument.

DxH controls, including storage and handling requirements, are listed below:

- Coulter 6C cell control (store at 2 – 8 ° C).
  - The Coulter 6C cell control is an integrated control that enables monitoring of system performance and calibration status for all directly measured and calculated CBC, Diff, and NRBC parameters. Instructions for use are as follows:
  - Remove 6C cell control vials from refrigerator and warm at ambient temperature for 10 to 15 minutes.
  - Roll the tube slowly between the palms of the hands eight times in an upright position. Invert the tube and slowly roll between the palms of the hands eight times. Then gently invert the tube eight times. Repeat.
  - Run the controls in the cassette presentation on the instrument
  - Return the control tubes to the refrigerator within 30 minutes.
- The Coulter LIN-X Linearity control is recommended for verification of the reportable range and linearity, and for calibration assessment of the WBC, RBC, HGB, and PLT parameters.
  - Remove Coulter Lin-X Cell control vials from refrigerator and warm at ambient temperature for 15 minutes.
  - Roll the tube slowly between the palms of the hands eight times in an upright position. Invert the tube and slowly roll between the palms of the hands eight times. Then gently invert the tube eight times. Repeat mixing procedure three times.
  - Run the Lin-X Cell controls in consecutive order beginning with Level 0 and ending with Level 11. Run controls in cassette presentation on the instrument
  - Level 11 is used to clean the system. The values for this level are not recorded.\
- Coulter Latron CP-X control (store at 2 to 30° C) is recommended for the verification of the system calibration status of the VCSn parameters. Coulter Latron CP-X control checks the alignment of the laser and the flow cell on the DxH 800.
  - Perform daily checks prior to running Latron control.
  - Gently mix Latron CP-X control by inversion five to eight times. Avoid foaming.

  - Run the controls in the cassette presentation on the instrument.

- Coulter S-CAL® Calibrator is traceable to reference methods and recommended for determining adjustment factors to ensure accurate SPM measurements of directly measured CBC parameters. Calibrator results should be monitored with Coulter 6C Cell control.

  - Remove S-CAL from the refrigerator and warm at ambient temperature for 15 minutes.

  - Roll the tube slowly between the palms of the hands eight times in an upright position.

  - Invert the tube and slowly roll between the palms of the hands eight times. Then gently invert the tube eight times. Repeat.

  - Inspect the tube contents to determine if all cells have been uniformly distributed. Repeat the mixing procedure if contents have not been uniformly distributed.

  - Complete entire procedure within 1 hour.

DxH 800 Supplies

- 3-ml K_2 EDTA BD Hemogard Vacutainer® tube (367856)
- 4-ml K_2 EDTA BD Hemogard Vacutainer® tube (367861)
- Tube rocker
- Bleach, 5.25% sodium hypochlorite
- Bottled deionized water
- Plastic squirt bottle
- Cotton gauze pads
- Three-hole paper punch
- Notebook
- Flashlight
- Precision screwdriver set
- CD-RW

VII. CALIBRATION AND CALIBRATION VERIFICATION PROCEDURES

Calibration of the DxH 800

The S-CAL calibrator kit determines the adjustment factors for the calibration of the Coulter DxH 800. Calibration is a procedure to standardize the instrument by determining its deviation from calibration references and to apply any necessary correction factors. Calibration is performed in the closed-vial mode at ambient room temperature range (16-32°C, 60-90°F), using S-CAL as an alternative to whole blood.

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; and
- If your Beckman Coulter representative suggests that you calibrate.

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.

VIII. PROCEDURE OPERATING INSTRUCTIONS; CALCULATIONS; /NTERPRETATION OF RESULTS

Shutdown of DxH 800 System

The DxH 800 SPM, System Manager, and monitor are connected to an uninterruptible power supply (UPS). In the event of a power outage at your facility, the components will continue to operate for a short time so that you can shut down the system. The printer is connected to the back-up power supply. Shut down the System Manager as follows:

- Logoff. Select the Logoff utility icon, then the Exit Workstation button.
- Shut down the operating system by using the routine Windows application.

- Power Off the computer. Powering off the computer also powers off the monitor. You do not need to power off the monitor separately. The computer does not need to be shut down on a routine basis. Power Off the computer only when circumstances are indicated.

Daily Shutdown

Beckman Coulter recommends that the SPM remain in cleaner for at least 30 minutes every 24 hours. If the SPM has power, and is in Shutdown, but the pneumatics is off, automatic cycling occurs every 24 hours to prevent flow cell and sample line clogging.

- Shutdown can be initiated manually or automatically.
- Shutdown removes diluent from the Unicel DxH 800 and replaces it with cleaner.
- At the end of the time with cleaner, the cleaner is replaced with diluent. Then, the compressor automatically shuts off.

Shutdown at the Mobile Examination Center (MEC)

- Shutdown will be set automatically:
    - Select Calendar Icon on top of DxH monitor screen.

- From the Daily Checks screen, select the Shutdown button to display the Manual Shutdown dialog box.
    - Select Autoconfiguration at the bottom of the screen.
    - Select Configure Shutdown
    - Check Enable Automatic Shutdown: Fill in hour **07,** Min **00.**
    - √ Daily.
    - Make sure each of the 7 days is checked.
    - Time in cleaner **0** hour(s) **30** Minutes (s).
    - OK.
- Daily Checks (formerly known as StartUp) (Menu > QA > Daily Checks) is programmed to immediately follow the StartUp:
    - Select Autoconfiguration at the bottom of the screen.
    - Select Configure Daily Checks.
    - Check Enable Automatic Daily Checks.
    - Choose radio button Perform Daily Checks after Shutdown.
    - OK.
- Latron CP-X control should be run immediately following daily checks.

Cancel Automatic Shutdown

At certain times Automatic Shutdown will have to be cancelled. To cancel Automatic Shutdown:

- From the Daily Checks screen, select Auto Configuration.
- Select Configure Shutdown.
- Remove the check mark from the Enable Automatic Shutdown box.

To perform a manual shutdown when Auto Configuration is disabled, please see the information that follows (Section 6.8.4).

Manual Shutdown of DxH Units

- From the Daily Checks screen, select the Shutdown button to display the Manual Shutdown dialog box.

- Select the Perform Startup after Shutdown check box to automatically begin Daily Checks after Shutdown.
- Type in Time in Cleaner 0 Hours and 30 Minutes check boxes to determine the time in cleaner.
- Select OK to begin Shutdown or Cancel to exit the pop-up window without starting Shutdown.

Logon as User

Logging on to the System Manager:

- Click on the icon (Person with key).
- Type your user name.
- Type your password. If you forget it, ask one of the senior techs to reset it for you.

Run Daily Checks

- Select the Daily Checks button (Calendar icon) from the top of any screen to display the Daily Checks Summary screen with results of the most recent Daily Checks.
- Obtain printout of Daily Checks from printer, initial as Reviewed by and place in Hematology Log Book.
- If Daily Checks passed all criteria, Run Latron Control.
- Running Daily Checks manually if Automatic Daily Check Failed:
    - Select the Daily Checks button (Calendar icon) from the top of any screen to display the Daily Checks Summary screen with results of the most recent Daily Checks.

Daily Checks Screen

- The results of Daily Checks display on eight tabbed views: Summary (default view), System, Background, Supplies, CBC, Diff, Retic, and NRBC.
- When Daily Checks pass, the Daily Checks icon is neutral. Select the individual tabs to view those results.

If any of the Daily Checks do not pass, the following occurs:

- The Daily Checks icon is red.
- The problematic result is backlit in red on the Summary tab.
- The tab that contains the problematic result has a red indicator.
- If there are any failures, you must Review Daily Checks (Event Logs > General Tab) in order to proceed with further analysis.
- The Daily Checks must pass or be reviewed in order to run specimens.
- From any tab on the Daily Checks screen, select the Review button on the Local Navigation bar to indicate that the Daily Checks results have been reviewed.
  NOTE: If Daily Checks pass, the Review button is disabled.
- You have to review only results that are questionable.

Additional Tasks From the Daily Checks Screen

- Select the Histogram button at the right of the screen on the DIFF, RETIC, or NRBC tabs to display the VCSn Ramp Tests Histogram screen.
- NOTE: The VCSn Ramp Tests Histogram screen is not for routine use; however, you may at some time be asked to access this screen when on the phone with a Beckman Coulter representative.
- Prime the SPM.
- Prime provides a method to remove cleaner in case an error occurred during a Shutdown cycle.
- Select the Prime button at the bottom of the Daily Checks screen to prime the SPM.

- A DxH 800 dialog box will display the following message: "You have requested to perform a Prime Cycle."
- Select OK to continue or Cancel.

Sample Analysis

Status

- The SPM must be online to run samples.
- You can view the status of the SPM in the Status Mode area at the upper left corner of any screen, except the home screen.

Cassette Presentation

- Ensure that the SPM is set up for the appropriate test for your workflow.
- Ensure that your specimens have been collected and stored properly.
- Load the specimens into the cassettes. Narrow tubes with small internal diameters will require manual premixing prior to analysis to ensure proper cell and plasma distribution and to avoid possible erroneous results. Premix these tubes before placing them in the cassette and then analyze the cassette by placing it in the Stat position of the input buffer.
- Place the cassettes in the input buffer to the right of the SPM. The SPM automatically begins cycling the cassettes.
- After the SPM cycles the samples, review the sample results at the System Manager. To avoid serious injury, do not place your hand through the cassette presentation opening on the SPM.

Single-Tube Presentation

- Ensure that your specimens have been collected and stored properly.
- Select the Single-Tube Presentation icon at the top of any screen to display the Single-Tube Presentation dialog box.

- Place the specimen on the barcode reader platform of the Single-Tube Presentation Station with the barcode facing the SPM to allow the Single-Tube Presentation bar-code reader to scan the specimen label. The barcode may also be scanned with the handheld scanner or the Specimen Accession Number may be typed into the Specimen Identifier field.
- Verify the Specimen Accession Number and test request. Acknowledging the ID that displays on the System Manager screen indicates that you accept the either barcode label read or the manual entry.
- Thoroughly mix the specimen.
- Place the specimen in the correct single-tube position.
- Do not place a closed tube or a 16 mm-diameter tube in the right position of the single-tube presentation station. Doing so could cause incomplete aspiration and an erroneous result.

Handling Alarms

- An audible or visible alarm on the DxH 800 system should be addressed by reviewing the Event Logs on the History Log screen.
    - The Worklist-Custom tab can be used to select from predefined or user-defined filters to set the audible alarms.

Evaluation of Data

Flags

Flags appear to the right of the result:

- For some parameters, flagging occurs as a result of the flagging or editing of other parameters.
- Flags in the following exhibit are shown in order of placement on screens and printouts, with the highest priority flags at the top within each space.
- A yellow background on the screen indicates that results were above or below a reference range.
- A red background on the screen indicates that results exceeded an action or critical limit or that another flag was present.
- Flags appear in one of four positions to the right of the result.

- The flags are listed in order of priority within each space. It is possible to have flags in each of the four positions.

- Refer to the exhibit below to interpret DxH flags.

Exhibit 6-3. Interpretation of DxH flags

Flag & Position				Description
1	2	3	4	
e				Result calculated from a manually edited parameter.
+				Result above the measuring range.
-				Result below the measuring range.
R				Review the result. Special handling is required for editing a result flagged with R. Any parameter derived from an R-flagged parameter cannot be recalculated until that parameter is edited. R flags may also indicate that a System Message has occurred. Check the **message area on the patient result screen** and the History Log > General table for details.
	c	L		Low critical limit exceeded.
	c	H		High critical limit exceeded.
	a	L		Low action limit exceeded.
	a	H		High action limit exceeded.
		H		High reference range limit exceeded.
		L		Low reference range limit exceeded.
			P	Partial aspiration detected during sample analysis.
			N	Non-blood sample detected.
			D	Delta check triggered.

Codes

Codes appear in place of results when the system cannot generate results:

- Codes are also called nonnumeric results.
- Codes in the following table are shown in order of the placement on screens and printouts, with the highest priority flags at the top within each space.

Messages

Messages can be results-related or demographic- or status-related:

- Results-related messages:
  - Suspect messages (appear in red) are generated by internal algorithms to convey that a clinical condition may exist with a specimen based on an abnormal cell population or distribution.

    Refer to the *Unicel DxH 800 Help Manual* on board the analyzer for a detailed list of all Suspect messages.

- System messages (appear in green) indicate an event occurrence that may affect the operation of a system, requires operator notification, or entry into a History Log.

  The majority of system messages are accompanied by an R (review) flag. Some are accompanied by N or P flags.

  Refer to the *Unicel DxH 800 Help Manual* onboard the analyzer for a detailed list of all system messages.

- Definitive messages (appear in blue) appear for results based on exceed limits configured as part of an individual flagging set.

  Definitive messages can be created by copying reference ranges, or by manual entry of your own message definition.

  Refer to definitive messages in the setup chapter of the onboard *Unicel DxH System Help Manual*.

- Demographic/status-related messages.

  - Exception Messages.

  - If there are any exceptions for a specimen, a comments indicator displays in the System Status Message area below the patient demographics.

  - Select the Additional Data button to view the Exceptions.

  - System Status Messages indicate that the instrument was operating in some nonstandard state when a specimen was analyzed. These states are usually the result of some user action. They do not indicate that any problem was seen when the specimen was analyzed; instead, they indicate that the system was being operated in a manner in which some problems might not be detected.

  - Lab Action Messages are triggered by Decision Rules programmed in the analyzer.

These messages are listed in the Lab Actions area of the Patient Results screen.

All Specimens

- Misleading results can occur if the specimen is not properly collected, stored, or transported. Beckman Coulter recommends that you follow CLSI or equivalent procedures to ensure proper specimen collection, storage, and transport. Always follow the manufacturer's recommendations when using micro-collection devices for capillary specimen collection.

- Misleading results can occur if specimens contain clots. Always use good laboratory practices for inspecting specimens for clots and verifying results.

- Misleading results can occur if the specimen is not properly mixed. Always use good laboratory practices to ensure that specimens are appropriately mixed. Do not bypass or circumvent the automated mixing process used on the DxH 800.

- When running a test panel, with NRBC analysis enabled, the information from the analysis is used to supplement interference detection, flagging, and correction.

- **WBC and TNC**

  - NRBCs, giant platelets, platelet clumps, malarial parasites, precipitated elevated proteins, cryoglobulin, microlymphoblasts, very small lymphocytes, fragmented white cells, agglutinated white cells, lyse resistant red cells, unlysed particles > 35 fl in size.

  - Elevated WBC counts may have a carryover effect on subsequent leukopenic specimens, within the limits specified by Beckman Coulter. (See the Carryover section in the *Unicel DxH Help Manual* on board the analyzer).

- **RBC**

  - Very high WBC count, high concentration of very large platelets, auto-agglutination.

  - If hemolysis is occurring in vivo, the instrument RBC may be flagged as low, reflecting the true circulating cells. If, however, the hemolysis is in vitro, the specimen may give falsely low RBC results. Cell counts due to in vitro hemolysis do not represent the number of circulating red blood cells.

- **HGB –** Severe lipemia, heparin, certain unusual RBC abnormalities that resist lysing.

- **MCV –** Very high WBC count, high concentration of very large platelets, auto-agglutination.

- **RDW –** Very high WBC count, high concentration of very large platelets, auto-agglutination.

- **PLT –** Giant platelets, platelet clumps, white cell fragments, electronic noise, very small red cells, and red cell fragments.

- **HCT –** Known interferences related to RBC and MCV.

- **MCH –** Known interferences related to HGB and RBC.

- **MCHC –** Known interferences related to HGB, RBC, and MCV.

- **NRBC –** Known interferences may be related to the following:

  - Lyse resistant red cells.

  - Malarial parasites.
  - Very small or multi-population lymphocytes.
  - Precipitated elevated proteins.

- Differential
  - Hypogranular granulocytes, agranular granulocytes, lyse resistant red cells, very small or multi-population lymphocytes, elevated triglycerides, precipitated elevated proteins.
  - A transient basophilia may be observed in samples that have been exposed to high temperatures (90º F or 32 ºC). The temporary basophilia should resolve after stabilization at room temperature (72ºF or 22º C).

Laser Safety

The Multi-Transducer Module contains a laser. A laser is a unique light source that exhibits characteristics different from conventional light sources.

The safe use of the laser depends upon familiarity with the instrument and the properties of coherent, intense beams of light. The beam can cause eye damage and instrument damage. There is enough power from the laser to ignite substances placed in the beam path, even at some distance. The beam might also cause damage if contacted indirectly from reflective surfaces (specular reflection). The laser on the DxH 800 is covered by a protective housing.

Coulter Pre-Start-Up Procedure

Supply List: (1) Diluent; (1) Cell Lyse; (1) Diff Pak; (1) Cleaner; Latron; and 6C Cell Controls.

Arrangements for a Beckman Coulter representative to perform the necessary Pre-Start Up procedures on the DxH 800, prior to the arrival of the team to the stand, will be arranged by the Chief Field Medical Technologist in advance. These pre-start-up procedures for the representative will include:

- Removal of the travel brackets;

- Placement of all reagent lines in the reagents: Diluent, Cell Lyse, Diff Pack, and Cleaner (No RETICS!!!);
- Power up the analyzer;
- "*Wetting*" the analyzer (full prime of the system); and
- Flow cell adjustment.

A placard will be available for the representative (placed on the right side of the analyzer) with detailed instructions of the tasks that will need to be performed prior to the arrival of the team. The representative will be given the chief technologist's number and email address in the event of any questions concerning the instructions.

Initial DxH 800 Startup

Perform a daily check after the instrument has been "Shutdown for at least 30 minutes." Select Menu > QA > Daily Checks > Daily Checks > OK.

Draw three 4-ml EDTA tubes from a person with a normal CBC.

Inventory all Coulter reagents – mark with receive dates. (Once reagents have been opened, mark with an open date and tech initials).

- Log into the DxH (System Manager) SM

BEFORE DELETING THE PREVIOUS STAND'S DATABASE OR CONTROL FILES, VERIFY WITH THE CHIEF TECHNOLOGIST THAT IT IS OK TO PROCEED WITH THE FOLLOWING INSTRUCTIONS.

- **Delete the database from the previous stand –** Menu >Worklist > Custom > Advanced Search > Insert > Specimen > Analysis Date/Time > Between > Start Date/Time (*Enter MM/DD/YYYY & 24 HR hh:mm:ss that is at least 3 months prior to the current date*) and End Date/Time (*Enter MM/DD/YYYY & 24 HR hh:mm:ss that is 1 day before the current Setup date)* > Select OK > Select Save As *(*Create a Filter Name – Stand #*:* the stand you are getting ready to begin*)* > Search > Delete Order > Select All Test Orders in Current Filter > Select OK > Warning Box Will Appear, Select OK.
- **Delete previously used 6C Cell Control Files –** Menu > QA > QC > More Options > QC Setup > Select Previous (Older) Control File (will be highlighted) > Delete Control >OK.

You can only delete control files one at a time.

- **Enter reagent lot numbers and expiration dates –** Menu > Supplies > Setup > *Scan the Reagent Barcodes* > Select OK.
- **Enter 6C Cell Control lot numbers and expiration dates –** Menu > QA > QC > More Options > QC Setup > New Control from Barcode > Scan the 6C Cell Insert Barcode > Select ALL & Auto Transmit > Select OK.
- **Enter Latron Control lot numbers and expiration dates –** Menu > QA > QC > More Options > QC Setup > New Control from Barcode > Scan the Latron Insert Barcode > Select ALL & Auto Transmit > Select OK.
- **Double click the Coulter Icon on the desktop**, and verify that the icon is in the Task Bar (right-hand corner of the screen).
- **Enter 6C Cell and Latron Control Lot Information into ISI**S **–** Right-click on the Lab Coulter Icon in the Task Bar **>** Select Expected Values **>** Scan the Insert Barcode **>** Press Tab Key **>** Verify ALL Values **>** Select OK**.** Perform for both 6C Cell and Latron Control File Inserts.
- Place QC and Latron package inserts in the Coulter Binder.

Storage, handling, and stability: Sealed vials are stable through the expiration date when stored at 2-8° (35-46°F). S-Cal when opened is stable for 1 hour.

Repeatability, Carryover Check, and Calibration

Repeatability

Supply List: (2) 4-ml EDTA tubes filled with normal blood.

Before you can start or restart the Carryover process, the Specimen Processing Module (SPM) must be **offline.**

Ensure that you have enough normal whole blood from a **single donor** for a minimum of 10 cycles, and delete any data on the Repeatability screen before starting a new study.

- Use (2) 4ml EDTA tubes (aspiration probe damage can occur if a specimen tube is pierced more than five times).
- Select Menu >QA > Repeatability > Repeatability Setup:

- Presentation**:** Cassette
- Test Panel**:** CD
- Number of Aspirations**:** 5
- Select OK and follow the screen prompts.

- Place the two tubes in consecutive positions in a cassette, place the cassette in the input buffer, and Select OK on the DxH dialog box to start the cycle.
- When the cycle has completed, review the results on the Repeatability screen. Use the scroll bar to review all the results. Verify the %CV and the Diff parameters (see limits below). Select Finish.
- Verify that the coefficient of variation (CV) does not exceed the established Repeatability 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) for the **Diff** parameters with these Limits:
  - **NE%** ≤ 4.8
  - **LY%** ≤ 4.8
  - **MO%** ≤ 3.2
  - **EO%** ≤ 1.6
  - **BA%** ≤ 1.6

  If any of the results are outside the limits, call Beckman Coulter Customer Service.
- If all the results are within these parameters: Print **>** Select "Finish,", and proceed with Carryover Check.

Use the **%CV** line for CBC parameters only and the Diff line for the differential parameters only. Please see *Chapter 1: System Overview - Performance Specifications and Characteristics* section in the Help Men**u** for additional information regarding Repeatability limits for acceptability (Table 1.1 and Table 1.7.).

Carryover

Supply List: One 4-ml EDTA tube filled with normal blood and three empty 4-ml EDTA tubes.

NOTE: Remove S-CAL from refrigerator to allow time to acclimate to room temperature. Before you can start or restart the Carryover process, the Speciment Processing Module (SPM) must be offline.

- Fill three empty 4-ml Vacutainer® EDTA tubes with diluent. Select Single-Tube Presentation Icon > Dispense Diluent **>** Select OK**.** Place one empty capped EDTA tube in the purple tube holder on the left-hand side of the cradle. *1 ml of diluent is dispensed during this process.* Once completed, "Do you want to dispense more diluent in the same tube?" box will appear **>** Select No**.** Remove the filled EDTA tube, and repeat the above steps two more times to fill the 2 remaining empty EDTA tubes with diluent. Select Exit **>** "Are you sure you want to exit Single-tube Presentation?" **>**Select Yes**.**
- Select Menu > QA > Carryover > Carryover Setup:
  - Presentation: Cassette
  - Test Panel**:** CD
  - Select OK and follow the screen prompts.
- Select OK to start the Carryover procedure.
- Place a cassette in the input buffer with one blood tube followed by three diluent tubes consecutively and Select OK to start the Carryover procedure.
- When Carryover is complete, review the results on the Carryover screen. If any of the Carryover results "FAIL", repeat the procedure.

If the Carryover results "FAIL" after the second attempt, call Beckman Coulter Customer Service.

- If the status of all parameters is "PASS": Print.

When performing a Carryover procedure, the calculated percent Carryover and/or Background for each parameter is compared to the Carryover and Background limits for acceptability. Please see *Chapter 1: System Overview - Performance Specifications and Characteristics* section in the Help Menu for additional information regarding Carryover and Background limits for acceptability (Table 1.12 and Table 1.13)..

Calibration

Supply List: (1) S-CAL Calibrator.
NOTE: Before you can start or restart the Calibration procedure, the SPM must be offline.

- Allow S-CAL to warm to ambient (room) temperature for approximately 15 minutes.
- Select Menu **>** QA **>** CBC Calibration **>** Calibration Setup. You will be prompted by a dialog box which states: Existing Data will be deleted. Select OK to continue.
    - Number of Aspirations: 11.
    - Presentation: Cassette.
    - Calibrator Type: BCI.
- Select Upload **>** *Scan the S-Cal Insert Barcode* **>** Verify ALL Values **>** Select OK**.**
- Mix the S-CAL by hand by rolling 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. When all cells are uniformly distributed, place the calibrator in the cassette.
- Place the cassette in the input buffer and Select OK to start Calibration Procedure.
- Exclude the first run by checking the box beside that run.
- Review the Calibration results.
- If all the results are within the specified parameters: Print > Select Finish**.**
- If results recommend Calibration (the boxes at the bottom of the calibration screen are check marked) **>** Select OK**.**

The background of the Factor %Diff, %CV, and Difference cells changes color when the presented value is out of the normal range as follows:

- Yellow for Difference indicates that the value is out of range, which means that calibration is recommended.
- Red applies only to the %CV and indicates that the statistical value is NOT within range and the system does NOT allow calibration.

When all results are acceptable, the Edit System Recommendations button at the bottom right corner of the screen is enabled. This button allows the modification of the calibration recommended by the system by selecting or deselecting check boxes. Please see ***Chapter 1:*** *Chapter 1* section in the Help Menu for additional information regarding Calibration limits for acceptability.

- Verify the Calibration by running controls. Menu **>** QA **>** QC > Select Control > *Select the Control that you want to view* > Select OK] Select "Reviewed By" to review controls > Print.

NOTE: Place all printed charts and control inserts into the DxH Logbook, and have all results verified by a Beckman Coulter Representative via a VIP Service Call or an email. Have a copy of the VIP Service Report sent to the chief technologist's Westat email.

This is the NHANES Coulter Monitor icon. It must be open and running at the start of each session. This icon stores all DxH800 runs in the ISIS database. Double-click on the Coulter icon to open the application.

Run Study Participants

- Place tube in the cassette and place in the SPM.
- Run all samples in duplicate.
- Run samples in the primary mode.

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

Review Data and Transmit

- Review the data. Menu**>**Patient Results.
- Data from the Coulter DxH 800 are automatically transmitted to the ISIS system when the NHANES Coulter monitor icon has been opened on the ISIS screen.

- Use the Worklist screen to sort, retrieve, transmit, and archive data to CD. Transmit data from the Coulter® DxH 800 to ISIS as necessary. Save all data to CD at the end of each stand.

Prolonged Shutdown

- If the instrument is going to be idle for >72 hours, as in summer or winter 2-week breaks, adjust the shutdown procedure as follows: Menu>QA>Daily Checks>AutoConfiguration>Configure Shutdown> Uncheck Daily, Check only boxes for every other day (Mon, Wed, Fri, Sun)> OK. Ensure that there is sufficient cleaner and diluent for shut-downs and daily checks during the break time.

Beginning and End of Stand Operations

- Beginning of stand:
  - Arrange for a Coulter service representative to remove all travel brackets and re-wet the system.
  - Follow procedure for Calibration, Repeatability, and Carryover Check.
- End of stand

NOTE: Call Coulter Support to have an engineer install the travel brackets and perform the travel shutdown procedure for the DxH800. + **Before the engineer performs this service,** the following tasks must be completed by the technologist assigned to the Coulter for that stand:

Transmit all Current Stand QC data into ISIS

- Select (QC Icon) > Select Control > Select 6C Cell Control Level 1 > Transmit > Select All Runs in Current Control File > Select OK. The Coulter Icon on the workstation computer will "flicker" to indicate the transmission of data. Once the flickering has stopped, repeat the same steps beginning with Select Control and transmit QC data for 6C Cell Control Levels 2 & 3, followed by the Latron Control File.

Print ALL 6C Cell Control and Latron Files

- Select [QC Icon] > Select Control > Select 6C Cell Control Level 1 > Select [Printer Icon] > Change Report Type to Summary Report > Select [*Control Lot*] and check mark all Current Stand Controls (Both Latron and 6C Cell Files) > Select [*Print*] All Runs > Select [*Print Options*] Data Report and Graphical Report > Select Thumbnails > Select Print.

- Clip all the reports together with a binder clip and place them in Renee's End of Stand FedEx Box.

Export DxH 800 Data to (3) Discs

- DISC 1: IQAP
  - **Export IQAP Data – Insert a blank disc into the disc drive**. Select Menu **>** Set up **>** Quality Control **>** IQAP Export **>** All DxH Control Lots **>** Multiple Shifts **>** CD Recorder **>** Start **>** Follow screen prompts.

    Label the disk ***IQAP*** *and include* ***Stand # and MEC #*** *and place the disc in Renee's End of Stand FedEx Box.*

- DISC 2: LOGS

  - **Export Log Data – Insert a blank disc into the disc drive.** Select Menu **>** Logs **>** Export **>** Select ALL in (1) Event, (2) Data Summary, (3) Maintenance, and (4) Audit Logs **>** Select and Enter Date Range (Start of Stand to End of Stand) **>** Select Start. The disc will automatically eject out of the disc drive upon completion.

    Label the disk ***Logs*** *and include* ***Stand # and MEC #*** *and place the disc in Renee's End of Stand FedEx Box.*

- DISC 3: DATABASE

- **Export Patient Log (Database) – Insert a blank disc into the drive.** Select Menu **>** Worklist **>** Custom **>** Advanced Search **>** Filter Name (Stand **#**) **>** Insert **>** Specimen **>** Analysis Date/Time **>** Between (Start of Stand to End of Stand) **>** OK **>** Search **>** Export **>** Type CSV **>** All Results in Current Filter **>** Destination CD Recorder (G :****) **> Select Start.** The disc will automatically eject out of the disc drive upon completion.

  Label the disk ***Database*** *and include* ***Stand # and MEC #*** *and place the disc in Renee's End of Stand FedEx Box.*

Perform Cleaning Procedures on the DxH 800 and Assimilate Paperwork for Shipment to Home Office

- Clean the aspiration probe. Select Menu > Maintenance > Clean Aspiration Probe > [Start]. Once Procedure has Completed Select Finish > [OK].

- Clean the BSV, the Handheld Barcode Scanner, and the STM and wipe the analyzer's exterior with lint-free tissue and deionized water.

  - Complete the Hematology Maintenance Log and include all of the paperwork from the Hematology Notebook, including the following: Daily Check Logs, Package Inserts, Precision Checks, and Calibration Data. This information should be binder clipped separately into the respective subsections and included in the End of Stand FedEx Box to Renee. The box can now be sealed and sent with the rest of the shipment.

    Service performed by a Beckman-Coulter Representative

  - Discard all trash and empty reagent boxes after the representative has finished decommissioning the analyzer.

  - Strap down and secure the DxH and computer monitor for the impending travel.

IX. Coulter Reportable Range of Results

Refer to the DxH 800 manufacturer's manual.

Interlaboratory Quality Assurance Program (IQAP)

All instruments participate in Coulter's IQAP program. The IQAP program includes saving results of 6C cell controls, transferring them to a CD, 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.

The procedure to download IQAP files to CD follows:

- Slide the CD into the drive and gently close CD holder.
- Menu > QA > QC > More options (bottom of screen) > Export.
- Type: CVS.
- Data Selection: All runs in current control file.
- Folder: CD Recorder Radio Button.

Repeat for each of the three levels of QC.

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 five 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.

After the assigned primary medical technologist has tested and recorded results, other medical technologists are to perform the testing and record their results without consultation with primary tech. The secondary techs' results will be sent to the Laboratory Manager as a record of competency testing.

Linearity for WBC, RBC, Hgb, and Plt Parameters

Lin-X™ (PN 628029) – The Lin-X™ linearity control verifies the reportable range of Coulter® hematology system parameters for WBC, RBC, Hgb and Plt.

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 the Laboratory Manager at the end of the stand.

Run either the Lin-X™ or CAP LN9 survey material:

- At installation;
- At least yearly; and
- Whenever experiencing an altitude change of one mile or more between stands

Principle – Lin-X™ linearity controls are human blood components from which repeated measurements verify the reportable range of Coulter hematology systems. Controls contain12 vials, ranging from 0-12. Lin-X™ verifies the 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.

X. Quality Control

- Quality control is the routine monitoring of performance and service using commercial or patient controls.
- Controls have known characteristics when run on a given system and are analyzed periodically in the same manner that patient specimens are analyzed.
- The results of analyzed controls are then compared to the known characteristics using statistical methods.
- This comparison allows changes in the SPM performance to be detected.

- You can then take some action if the changes detected are significant.

Frequency of Performing Quality Control

- Beckman Coulter 6C cell control will be run each shift, at the start of the session. The time of QC performance is set to follow the preprogrammed Daily Checks of the analyzers.
- Beckman Coulter 6C cell control is run in the cassette mode on the DxH analyzers.
- Beckman Coulter Latron CP-X control is run once each 24 hours following Daily Checks on the instrument and is run in the cassette mode on the DxH analyzers.
- Beckman Coulter Lin-X will be run once per year or at high elevation stands.
- Calibration with S-CAL will be performed at the start of every stand or when recommended to troubleshoot a problem.

Setting up a Control File

- Entering 6C cell control lot numbers and expiration dates.
- Menu > QA > QC > More Options > QC Setup > New Control from Barcode > *Scan the 6C Cell Insert Barcode* > Select ALL & Auto Transmit > Select OK.

Setting Up a Latron Control File

- Entering Latron control lot numbers and expiration dates.
- Menu > QA > QC > More Options > QC Setup > New Control from Barcode > *Scan the Latron Insert Barcode* > Select ALL & Auto Transmit > Select OK.

What To Do When a Control is Out

- When a commercial control is out:
  - Ensure that the control material was mixed properly. If not, mix it according to the package insert.
  - Verify that the control was identified properly. If using a barcode reader, ensure that the barcode labels are clean and positioned correctly. If entering the ID manually, ensure that you typed the correct information.

- Verify that the assigned set-up information (assigned values and expected ranges) matches either the control package insert or your labs established values. If they do not, contact a senior technologist to change the control's information to match.
- If the problems above are ruled out, then rerun the control to ensure that the problem was not a statistical outlier.
- Ensure that the control material was not contaminated by running another vial or level of control.
- Ensure that there are no errors during the cycle. If necessary, call Beckman Coulter for help in resolution.
- Exclude the results on any out-of-range control by checking the Exclude box when reviewing that control.
- Document action taken in the comment tab on the Coulter screen of affected control.

- When Latron QC is out:
  - Ensure that the control setup information (assigned values and expected ranges) matches the package insert. If it does not, change the control information to match the package insert, then rerun the control.
  - Ensure that the Latron control is not contaminated, is properly mixed, is not expired, and you have a sufficient volume of sample.
  - If necessary, use a new vial of control. Be sure to mix it according to the directions listed above.
  - Ensure that the flow cell is clear by performing the Flush Flow Cell procedure.
  - Rerun the control. If the control is still outside the expected ranges, call Beckman Coulter.
  - Document action taken in the comment tab on the Coulter screen of Latron Control.
  - Check the Exclude box on any Latron results that are out of range.

Viewing Control Files – Data View (Menu>QA>QC)

- To view control files on the Quality Control (Data View) screen, select the QC Status icon at the top of any screen.

- The Quality Control –Data View screen displays the most recently analyzed control lot with the most recently analyzed run selected by default.
- If controls have not been reviewed, a dialog box displays a list of them.
- Out of control data as well as the date and time are displayed in red text.
- The Quality Control (data view) screen includes summary data, configuration data, a filter section, QC run data, run status, and one thumbnail Levy-Jennings graph for the selected parameter (row).

The following exhibit lists the components seen on the QC Data View screen.

Exhibit 6-2. Components on the QC Data View screen

Component	Description
Delta Diff	The difference between the calculated mean and the assigned target of the parameter within the specified filter. **NOTE:** If the Extended QC is enabled, and Extended QC limits have been configured, and the equation below is greater than (absolute Delta Diff/BCI Target Value) x 100, is greater than the Systematic Error limit, the Delta Diff will be highlighted in yellow for that parameter if N>=2 and N<15 or in red if N>=15. If the parameter's target is not applicable, N/A displays in this field.
Mean	The calculated mean of the included points within the specified filter.
25D	The calculated SD of the included points within the specified filter.
%CV	The calculated Coefficient of Variation of the included points within the specified filter. **NOTE:** If the Extended QC is enabled and Extended QC limits have been configured and the CV value is greater than the Random Error limit, the %CV will be highlighted in yellow for that parameter if N>=2 and N<15, or in red if N>=15.
RMSE	Root Mean Square Error (RMSE) displays when Extended QC is enabled. See Figure 4.2. The RMSE is a Single Measurement Error. If the value exceeds the Single Measurement Error limit, the RMSE value will be highlighted in yellow for that parameter if N>=2 and N<15. The value is highlighted in red if N>=15. If the parameter's target is not applicable, NA displays in this field.
N	The number of included points within the specified filter.
Target	The assigned target of the parameter being used in your lab at the time of the control analysis. The target used by Extended QC will be based on what has been configured for Traditional QC (either assigned or Mean to Target values).
(Assigned or Mean)	If Beckman Coulter or manually-entered targets are used, then the label below this heading reads "Assigned:" If means are used, then the label below the heading reads "Means." If the parameter's target is not applicable, N/A displays in this field.
Limit	The traditional expected limit of the parameter in use in your lab at the time of the control analysis.
(Manual, 2SD, or Lab)	If assigned limits are used, then the label below this heading reads "Manual." If SDs or Lab Limits are used, then the label below this heading reads "2SD" or "Lab," respectively.
Date/Time	The date and time of the control analysis.
Exclude	Allows you to exclude the results of that run from the control statistics calculations.

Complete Blood Count with 5 Part Differential in Whole Blood
NHANES 2013-2014

Exhibit 6-2. Components on the QC Data View screen (continued)

Component	Description
Reviewed By	Displays one of the following: ■ IF the run has not yet been reviewed: A Click to Review link that allows you to review the run. ■ If the run has been reviewed: The reviewer's user name and the review date and time.
Presentation	Displays the method of presentation for each run in the control file. ■ C = Cassette Presentation ■ S = Single-tube Presentation
Comment	A comment icon displays in this column if any comments have been added.
Ref. RBC	If the control type is a RETIC only, a **REF**, **RBC** heading and numeric value display on the left side of the screen under the Summary Data columns. If the control is RETIC only and the Reference RBC Target and Limit are not sec, **No Value** will display in the Ref. RBC field.

Selecting a Control

- From the Quality Control (Data View) screen or the Quality Control (Graph View) screen, select the Select Control button on the Local Navigation Bar to display the QC Select Controls dialog box.

- Highlight the desired control and select OK.
- Exclude and rerun any control that is out of range. Document action taken to correct QC under comments on the Coulter screen in the affected control.

Viewing Control Files Graphically (Menu>QA>QC>View Graph)

From the Quality Control – Data View screen, select the View Graph button OR Select a parameter (row) and double-tap the thumbnail Levey-Jennings graph.

The Quality Control (graph view) screen displays the following:

- Up to 31 thumbnail Levey-Jennings graphs, one graph per parameter.
- An expanded Levey-Jennings graph for the selected parameter data.

Using and Interpreting the Levey-Jennings Graphs

- The top half of the Quality Control (graph view) screen displays all parameters associated with controls.
    - Levey-Jennings graphs display the latest run points for all parameters.
    - Each graph displays up to 10 points, and these change to reflect the scrolling of the expanded graph.
    - The points shown in the blue shaded window of the expanded graph reflect those shown in the thumbnail graphs.
- The point cursor on the thumbnail graphs is synchronized with the selected run within the data grid and the point cursor in the expanded graph.
- If you select a thumbnail graph, it will be displayed in the expanded graph section on the lower half of the screen.
- Any thumbnail graph's border displays red if it contains a QC Out point.
    - Once all runs in a graph are reviewed, its border will return to normal color, but the QC Out point will remain red in the graph.
    - If the results violate the extended QC Single Measurement Error, the point will be yellow.
- The expanded Levey-Jennings graph at the bottom of the Quality Control (graph view) screen displays all of the results for a selected parameter in the control file.
    - The blue-shaded window on the expanded graph, which contains up to 10 points and the point cursor, determines the points and cursor displayed in the thumbnail graphs.
- The point cursor is a blue vertical line on the graph that reflects the date selected in the Data View.
    - The cursor can be moved left or right by using the scroll bar or by selecting either the data points on the graph or the control run analysis Date/Times in the Data View table.
    - If the cursor moves to a point outside the window, the window shifts so that the new point displays in the window as the furthest right or left point.

Add, Modify, or Delete Comments to QC Results

- From the Quality Control (data view) or the Quality Control (graph view) screen, select the Comment button to display the QC Comment Dialog Box.
- The creation date/time, modified date/time, and last modified Operator ID will not be populated until the entry of the comment has been completed.
- To add or modify a comment on a control run, select the Run tab, type in the text box, and select OK.
- To add or modify a comment on a control file, select the File tab, type in the text box, and select OK.
- To delete a comment, select the Delete button.

View Control Files Under Error Conditions

- Under Error conditions, the Quality Control Status icon at the top of the screen is red.
- If more than one lot triggered an error condition, the Select Control File to Review dialog box displays.
- All lots that are OUT are displayed on the dialog box.
- To review a specific log, select the lot and select the OK button.

XI. REMEDIAL ACTION IF CALIBRATION OR QC SYSTEMS FAIL TO MEET ACCEPTABLE CRITERIA

Sample Person Hemoglobin and Hematocrit Review and Remedial Actions

Review all results to make sure the hemoglobin and hematocrit are acceptable. The hematocrit should be approximately three times the hemoglobin. If an "H&H Does Not Match Flag" pops up on both runs of an SP, repeat run using the EDTA sample from processing, if available, as a check. Report out results if all runs are similarly flagged. Delete all but two of the runs before averaging.

SP Parameter Value Review and Remedial Actions

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 DxH800. Note the red icon in the lower right corner of the system tray.

The NHANES Coulter Monitor icon must be open and running at the start of each session. This icon stores all DxH800runs in the ISIS database. Alternatively, open the Hematology module from the heads-up display. 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.

1. Hematology module overview

The CBC results are not automatically populated in the Hematology module. Use the Retrieve button to send the results from ISIS 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, they display 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 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 they are retrieved. To view SP data for all parameters, direct the mouse arrow to the horizontal scroll bar at the bottom of the SP Data section and drag the scroll bar to the left or right. Alternatively, to view the SP data for all parameters, direct the mouse arrow to the small scroll arrows on the left and right edges of the horizontal scroll bar, and left-click.

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 over limit, 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. To view results for all parameters, direct the mouse arrow to the vertical scroll bar at the right side of the Results section and drag the bar up or down. Alternatively, to view all the results, direct the mouse arrow to the small scroll arrows on the top and bottom edges of the vertical scroll bar, and left-click. Evaluate each parameter for error, overlimit, and precision check marks, and "H" or "L" action limit and reference range flags.

2. 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. For results where only one run was possible, the Comment box at the bottom of the window defaults to "result based on single run."

3. 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. The differences between duplicate values for WBC, RBC, Hgb, MCV, Plt, NE#, LY#, MO#, EO# and BA# are calculated and evaluated to determine if they are within the following CDC established precision limits. CDC established precision limits (table 6-3): Insert ± before each precision limit.

Table 6-3. CDC 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 check marks, and "H" or "L" action limit and reference range flags. If there are no check marks in the Precision column (no precision limit was exceeded), save the results to the database. Average, evaluate, and rerun specimens that exceed precision limits. Average the two results by using the mouse to direct the mouse arrow to the Average ID#*XXXXXX* button and left-click. If, at this point, precision limits are exceeded for any individual parameter, the technologist is prompted to run a control and to evaluate it 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 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?" To confirm these actions, direct the mouse arrow to each of the two check boxes and left-click to record the check marks.

Save the responses to the check box questions. Evaluate each parameter for error, overlimit, and precision check marks, and "H" or "L" action limit, reference range flags and comment in the above screen. Use the scroll bar to view all results. When there are check marks 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, delete the run that caused the precision error. Save one run and comment with based on a single run. After results are saved, they are erased from the screen.
Run the specimen a third time when any precision limit is exceeded or if one run has a comment and the second run doesn't. Run the blood sample a third time. Whenever a sample is run more than once, all results in the SP Data section are displayed. Scroll through the top of the SP data window and determine which of the two runs match the best. Delete the outlier run, which could be the run that caused the precision error or the run that doesn't/does have a comment and re-average the two runs.

After clearing the outlier run, re-average the two runs and analyze the results. 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." To override the current average with a new average (but for only those parameters that exceeded precision limits), direct the mouse arrow to the Yes button and left-click or type

[Shift] [Y/y], or press [Enter]. To exit or return to the previous screen containing the previous averages, to direct the mouse arrow to the No button and left-click, or type [Shift] [N/n].

Evaluate the new results. If all parameters of the two runs now meet precision limits (there are no check marks 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. Delete the outlier run, 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.

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.

Comment	Use when:
Results repeated and confirmed	Any parameter exceeded an action, range, or precision limit and the specimen (blood tube) was run more than once.
Laboratory error	There was a technologist error.
Result based on single run	The quantity of specimen is insufficient to run it more than once.
Equipment failure	The Coulter malfunctioned.
No diff results/diff voteout	The Coulter does not report parameter results for any part of the differential or the instrument reported a voteout for any of the differential parameters.
Clotted	The blood is clotted.
Not enough blood	There is insufficient blood to perform at least one complete aspiration.

Save the result after attaching a comment.

4. 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 check marks, and "H" or "L" action limit and reference range flags. If there are no check marks in the Precision column (no precision limit was exceeded), save the result to the database. To save the

result to the database, direct the mouse arrow to the Save button and left-click or type [Shift] [S/s]. To exit without saving the result to the database, direct the mouse arrow to the Close button and left-click or type [Shift] [C/c]. If there are any precision check marks, 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. Use the "Clear All Downloads" function to delete all data for all SPs in the SP Data section. Release the mouse button to clear all downloads. All data in the SP Data section are erased but any averaged result remains in the Results section of the window.

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. When finished reviewing the information, direct the mouse arrow to the OK button to close the window.

DxH 800 Suspect Messages

- 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.

- Remedial action – Rerun the specimen. If the flag is "H&H Does Not Match," use the SP's EDTA sample from processing station, if available, as a check for proper tube filling. Delete all but two runs if flags are consistent before averaging and accepting results.

Physician Review

- 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. 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. Enter the observation on an SP. 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.

Specimen Rejection

- Reject clotted specimens and recollect if physician requests.

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.
- 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.

XIII. Reference Ranges (Normal Values)

Refer to the National Health and Nutrition Examination Survey (NHANES) Laboratory Procedures Manual for the reference ranges for males and females. Reference ranges for normal values were calculated from the NHANES data set (1999-2004) using 95 percent 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. CRITICAL CALL RESULTS ("PANIC VALUES")

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.

Action limits :

- WBC male and female (all ages) < or = to 3 x 10^3 µL or > or = to 16.0 x 10^3 µL
- 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
- Hgb male (>6 years) <6.5 g/dL or >18.0 g/dL
- PLT male and female (all ages) <50 x 10^3 µL or >800 x 10^3 µL

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

Specimen Storage:

- Store specimens capped and place on a rocker at room temperature until processed.
- 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 after thorough mixing,

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

Results outside the action limits are brought to the physician's attention by sending the physician an observation and requesting a decision on "course-to-follow."

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

XVIII. Procedures for Specimen Accountability and Tracking

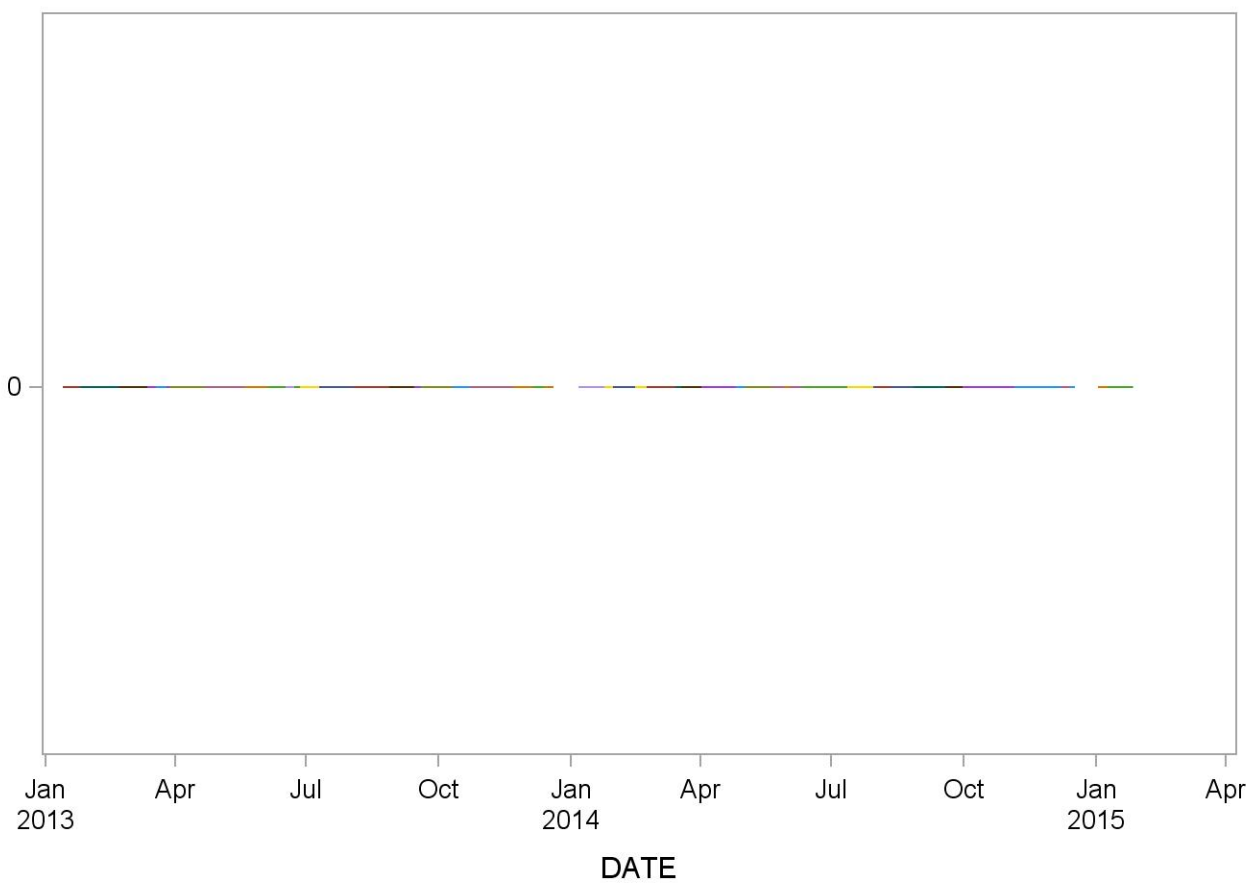
Test results are kept in the DxH 800 memory in the computer.

IXX. Quality Control Summary Statistics and Graphs

See following pages.

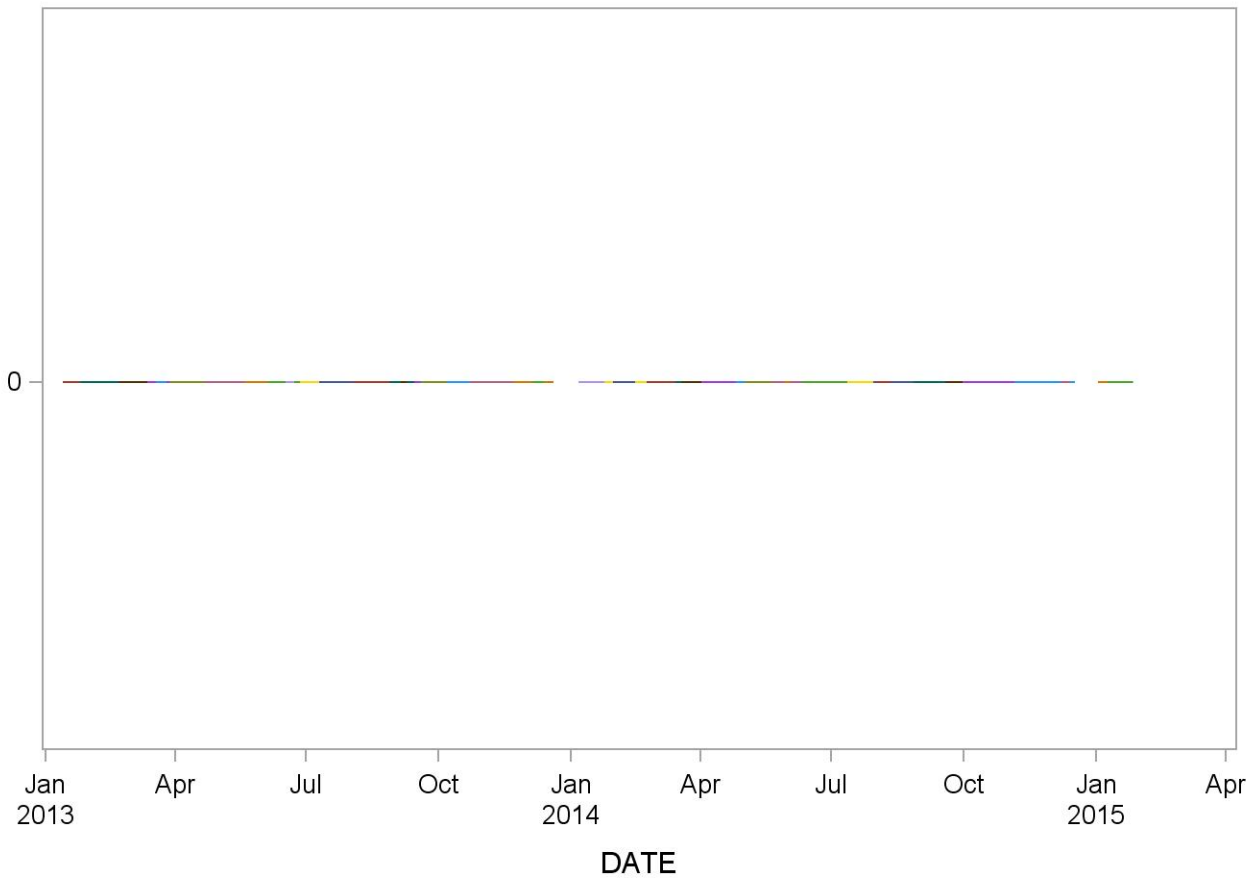
Summary Statistics for Basophils No.(10^3 cells/uL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	0.0000	0.0000	.
122970930_13	65	13JAN13	15FEB13	0.0000	0.0000	.
122976130_13	56	25JAN13	07MAR13	0.0000	0.0000	.
122984130_13	53	21FEB13	18MAR13	0.0000	0.0000	.
122994690_13	57	13MAR13	17APR13	0.0000	0.0000	.
122999670_13	12	19MAR13	26MAR13	0.0000	0.0000	.
122996510_13	53	28MAR13	06MAY13	0.0000	0.0000	.
123008000_13	79	22APR13	31MAY13	0.0000	0.0000	.
123014390_13	52	19MAY13	17JUN13	0.0000	0.0000	.
123024760_13	44	04JUN13	16JUL13	0.0000	0.0000	.
123029560_13	21	17JUN13	23JUN13	0.0000	0.0000	.
123030780_13	33	27JUN13	04AUG13	0.0000	0.0000	.
123037010_13	56	10JUL13	19AUG13	0.0000	0.0000	.
123048130_13	65	03AUG13	05SEP13	0.0000	0.0000	.
123059960_13	44	28AUG13	19SEP13	0.0000	0.0000	.
123059270_13	14	05SEP13	09SEP13	0.0000	0.0000	.
123065540_13	46	14SEP13	07OCT13	0.0000	0.0000	.
123068590_13	70	19SEP13	29OCT13	0.0000	0.0000	.
123074200_13	57	11OCT13	21NOV13	0.0000	0.0000	.
123081680_13	64	23OCT13	19DEC13	0.0000	0.0000	.
123088410_13	47	22NOV13	20DEC13	0.0000	0.0000	.
123091660_13	24	05DEC13	13DEC13	0.0000	0.0000	.
123108820_14	74	06JAN14	06FEB14	0.0000	0.0000	.
123112720_14	63	24JAN14	08MAR14	0.0000	0.0000	.
123115720_14	41	30JAN14	15FEB14	0.0000	0.0000	.
123121360_14	57	23FEB14	30MAR14	0.0000	0.0000	.
123134180_14	21	15MAR14	22MAR14	0.0000	0.0000	.
123137140_14	64	19MAR14	21APR14	0.0000	0.0000	.
123141680_14	75	02APR14	11MAY14	0.0000	0.0000	.
123147730_14	23	26APR14	02MAY14	0.0000	0.0000	.
123146380_14	67	29APR14	07JUN14	0.0000	0.0000	.
123153670_14	59	21MAY14	24JUN14	0.0000	0.0000	.
123156150_14	24	29MAY14	02JUN14	0.0000	0.0000	.
123163220_14	62	11JUN14	26JUL14	0.0000	0.0000	.
123170050_14	32	12JUL14	04AUG14	0.0000	0.0000	.
123170030_14	57	16JUL14	12AUG14	0.0000	0.0000	.
123170080_14	113	30JUL14	25SEP14	0.0000	0.0000	.
123170100_14	8	01AUG14	11AUG14	0.0000	0.0000	.
123170110_14	64	27AUG14	07OCT14	0.0000	0.0000	.
123170130_14	40	18SEP14	30SEP14	0.0000	0.0000	.
123170160_14	109	30SEP14	10NOV14	0.0000	0.0000	.
123170230_14	89	05NOV14	17DEC14	0.0000	0.0000	.
123170210_14	22	10NOV14	16NOV14	0.0000	0.0000	.
123170260_14	20	07DEC14	14DEC14	0.0000	0.0000	.
123170290_15	17	02JAN15	17JAN15	0.0000	0.0000	.
123170340_15	57	09JAN15	27JAN15	0.0000	0.0000	.
123170390_15	6	26JAN15	27JAN15	0.0000	0.0000	.


Basophils No.(10^3 cells/uL) (Lvl 1) Quality Control
0
Jan
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DATE

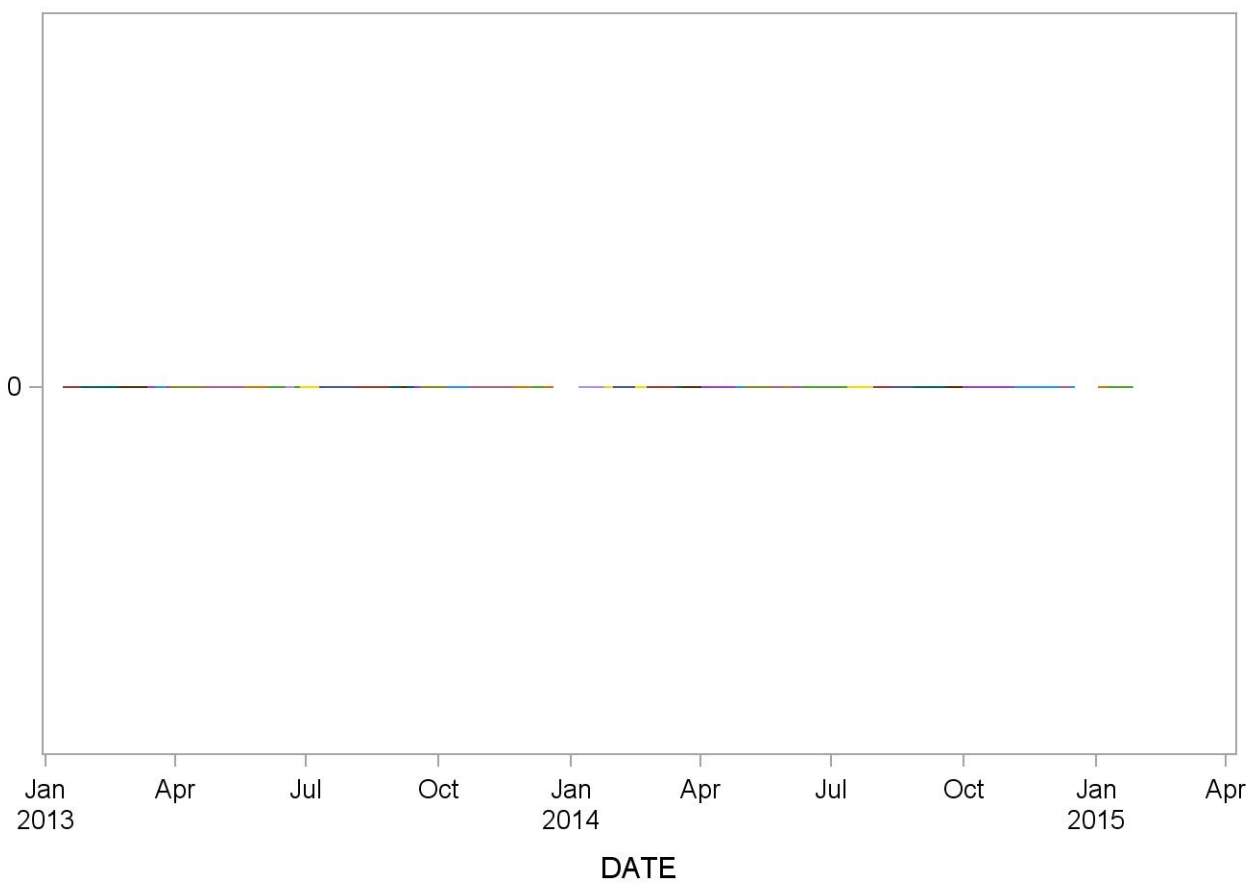
Summary Statistics for Basophils No.(10^3 cells/uL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	0.0000	0.0000	.
132970940_13	65	13JAN13	15FEB13	0.0000	0.0000	.
132976140_13	63	25JAN13	07MAR13	0.0000	0.0000	.
132984140_13	57	21FEB13	16MAR13	0.0000	0.0000	.
132994700_13	61	13MAR13	17APR13	0.0000	0.0000	.
132999690_13	12	19MAR13	26MAR13	0.0000	0.0000	.
132996520_13	60	28MAR13	06MAY13	0.0000	0.0000	.
133008010_13	81	22APR13	31MAY13	0.0000	0.0000	.
133014400_13	56	19MAY13	17JUN13	0.0000	0.0000	.
133024770_13	45	04JUN13	16JUL13	0.0000	0.0000	.
133029570_13	21	17JUN13	23JUN13	0.0000	0.0000	.
133030790_13	33	27JUN13	04AUG13	0.0000	0.0000	.
133037020_13	71	10JUL13	19AUG13	0.0000	0.0000	.
133048140_13	69	03AUG13	05SEP13	0.0000	0.0000	.
133059970_13	48	28AUG13	19SEP13	0.0000	0.0000	.
133061570_13	20	05SEP13	09SEP13	0.0000	0.0000	.
133065550_13	49	14SEP13	07OCT13	0.0000	0.0000	.
133068600_13	72	19SEP13	29OCT13	0.0000	0.0000	.
133074210_13	62	07OCT13	21NOV13	0.0000	0.0000	.
133081690_13	63	23OCT13	19DEC13	0.0000	0.0000	.
133088420_13	49	22NOV13	20DEC13	0.0000	0.0000	.
133091670_13	27	05DEC13	13DEC13	0.0000	0.0000	.
133108830_14	84	06JAN14	10FEB14	0.0000	0.0000	.
133112730_14	66	24JAN14	08MAR14	0.0000	0.0000	.
133115730_14	45	30JAN14	15FEB14	0.0000	0.0000	.
133121370_14	60	23FEB14	30MAR14	0.0000	0.0000	.
133134190_14	23	15MAR14	22MAR14	0.0000	0.0000	.
133137150_14	67	19MAR14	21APR14	0.0000	0.0000	.
133141690_14	80	02APR14	11MAY14	0.0000	0.0000	.
133147740_14	24	26APR14	02MAY14	0.0000	0.0000	.
133146390_14	65	29APR14	07JUN14	0.0000	0.0000	.
133153680_14	69	21MAY14	24JUN14	0.0000	0.0000	.
133156160_14	24	29MAY14	02JUN14	0.0000	0.0000	.
133163230_14	73	11JUN14	26JUL14	0.0000	0.0000	.
133180050_14	32	12JUL14	04AUG14	0.0000	0.0000	.
133180030_14	57	16JUL14	12AUG14	0.0000	0.0000	.
133180080_14	108	30JUL14	25SEP14	0.0000	0.0000	.
133180100_14	8	01AUG14	11AUG14	0.0000	0.0000	.
133180110_14	64	27AUG14	07OCT14	0.0000	0.0000	.
133180130_14	42	18SEP14	30SEP14	0.0000	0.0000	.
133180160_14	103	30SEP14	10NOV14	0.0000	0.0000	.
133180230_14	86	05NOV14	17DEC14	0.0000	0.0000	.
133180210_14	20	10NOV14	16NOV14	0.0000	0.0000	.
133180260_14	20	07DEC14	14DEC14	0.0000	0.0000	.
133180290_15	23	02JAN15	17JAN15	0.0000	0.0000	.
133180340_15	57	09JAN15	27JAN15	0.0000	0.0000	.
133180390_15	6	26JAN15	27JAN15	0.0000	0.0000	.


Basophils No.(10^3 cells/uL) (Lvl 2) Quality Control
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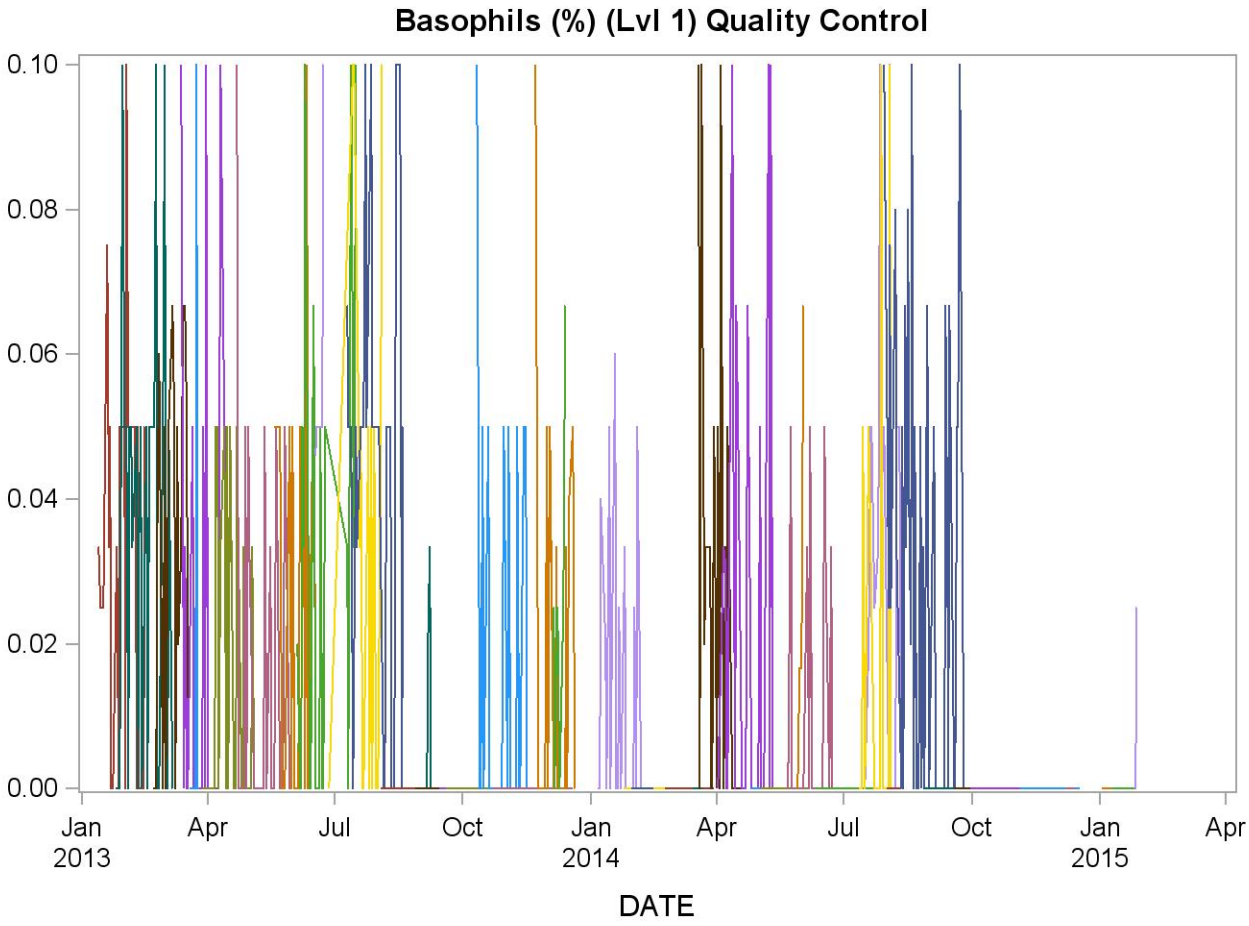
Summary Statistics for Basophils No.(10^3 cells/uL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	0.0000	0.0000	.
142970950_13	63	13JAN13	15FEB13	0.0000	0.0000	.
142976150_13	60	25JAN13	07MAR13	0.0000	0.0000	.
142984150_13	58	21FEB13	18MAR13	0.0000	0.0000	.
142994710_13	59	13MAR13	17APR13	0.0000	0.0000	.
142999700_13	13	19MAR13	26MAR13	0.0000	0.0000	.
142996530_13	55	28MAR13	06MAY13	0.0000	0.0000	.
143008020_13	96	22APR13	31MAY13	0.0000	0.0000	.
143014410_13	50	19MAY13	17JUN13	0.0000	0.0000	.
143024780_13	49	04JUN13	16JUL13	0.0000	0.0000	.
143029580_13	21	17JUN13	23JUN13	0.0000	0.0000	.
143030800_13	32	27JUN13	04AUG13	0.0000	0.0000	.
143037030_13	63	10JUL13	19AUG13	0.0000	0.0000	.
143048150_13	65	03AUG13	05SEP13	0.0000	0.0000	.
143059980_13	48	28AUG13	19SEP13	0.0000	0.0000	.
143061580_13	15	05SEP13	09SEP13	0.0000	0.0000	.
143065560_13	46	14SEP13	07OCT13	0.0000	0.0000	.
143068610_13	62	19SEP13	29OCT13	0.0000	0.0000	.
143074220_13	59	07OCT13	21NOV13	0.0000	0.0000	.
143081700_13	62	23OCT13	19DEC13	0.0000	0.0000	.
143088430_13	61	22NOV13	20DEC13	0.0000	0.0000	.
143091680_13	25	05DEC13	13DEC13	0.0000	0.0000	.
143108840_14	71	06JAN14	06FEB14	0.0000	0.0000	.
143112740_14	61	24JAN14	08MAR14	0.0000	0.0000	.
143115740_14	42	30JAN14	15FEB14	0.0000	0.0000	.
143121380_14	57	23FEB14	30MAR14	0.0000	0.0000	.
143134200_14	20	15MAR14	22MAR14	0.0000	0.0000	.
143137160_14	53	19MAR14	21APR14	0.0000	0.0000	.
143141700_14	73	02APR14	11MAY14	0.0000	0.0000	.
143147750_14	22	26APR14	02MAY14	0.0000	0.0000	.
143146400_14	59	30APR14	07JUN14	0.0000	0.0000	.
143153690_14	57	21MAY14	24JUN14	0.0000	0.0000	.
143156170_14	24	29MAY14	02JUN14	0.0000	0.0000	.
143163240_14	62	11JUN14	26JUL14	0.0000	0.0000	.
143190050_14	34	12JUL14	04AUG14	0.0000	0.0000	.
143190030_14	55	16JUL14	12AUG14	0.0000	0.0000	.
143190080_14	98	30JUL14	25SEP14	0.0000	0.0000	.
143190100_14	8	01AUG14	11AUG14	0.0000	0.0000	.
143190110_14	65	27AUG14	07OCT14	0.0000	0.0000	.
143190130_14	40	18SEP14	30SEP14	0.0000	0.0000	.
143190160_14	99	30SEP14	10NOV14	0.0000	0.0000	.
143190230_14	85	05NOV14	17DEC14	0.0000	0.0000	.
143190210_14	20	10NOV14	16NOV14	0.0000	0.0000	.
143190260_14	21	07DEC14	14DEC14	0.0000	0.0000	.
143190290_15	17	02JAN15	17JAN15	0.0000	0.0000	.
143190340_15	56	09JAN15	27JAN15	0.0000	0.0000	.
143190390_15	6	26JAN15	27JAN15	0.0000	0.0000	.


Basophils No.(10^3 cells/uL) (Lvl 3) Quality Control
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Jan
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2014
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Jan
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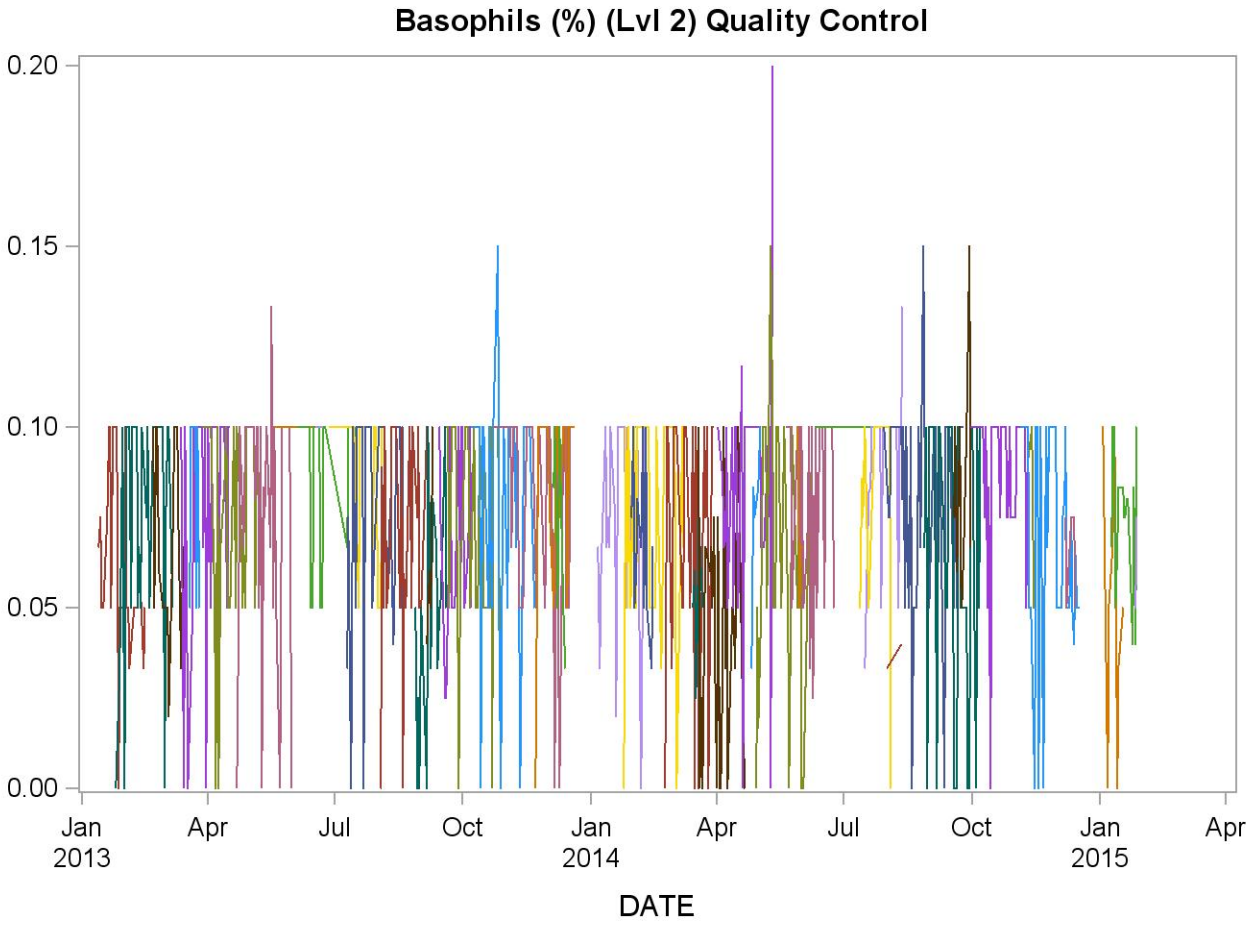
Summary Statistics for Basophils (%) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	0.0000	0.0000	.
122970930_13	65	13JAN13	15FEB13	0.0323	0.0471	145.9
122976130_13	57	25JAN13	07MAR13	0.0316	0.0469	148.5
122984130_13	53	21FEB13	18MAR13	0.0358	0.0484	135.1
122994690_13	57	13MAR13	17APR13	0.0193	0.0398	206.3
122999670_13	12	19MAR13	26MAR13	0.0167	0.0389	233.5
122996510_13	54	28MAR13	06MAY13	0.0167	0.0376	225.7
123008000_13	80	22APR13	31MAY13	0.0125	0.0333	266.2
123014390_13	53	19MAY13	17JUN13	0.0245	0.0434	177.1
123024760_13	48	04JUN13	16JUL13	0.0313	0.0468	149.9
123029560_13	21	17JUN13	23JUN13	0.0524	0.0512	97.7
123030780_13	33	27JUN13	04AUG13	0.0333	0.0479	143.6
123037010_13	58	10JUL13	19AUG13	0.0466	0.0503	108.1
123048130_13	63	03AUG13	05SEP13	0.0000	0.0000	.
123059960_13	46	28AUG13	19SEP13	0.0000	0.0000	.
123059270_13	14	05SEP13	09SEP13	0.0143	0.0363	254.2
123065540_13	47	14SEP13	07OCT13	0.0000	0.0000	.
123068590_13	69	19SEP13	29OCT13	0.0000	0.0000	.
123074200_13	57	11OCT13	21NOV13	0.0140	0.0350	249.7
123081680_13	61	23OCT13	19DEC13	0.0000	0.0000	.
123088410_13	47	22NOV13	20DEC13	0.0170	0.0380	223.2
123091660_13	24	05DEC13	13DEC13	0.0250	0.0442	176.9
123108820_14	74	06JAN14	06FEB14	0.0176	0.0383	218.1
123112720_14	57	24JAN14	08MAR14	0.0000	0.0000	.
123115720_14	41	30JAN14	15FEB14	0.0000	0.0000	.
123121360_14	56	23FEB14	30MAR14	0.0000	0.0000	.
123134180_14	20	15MAR14	22MAR14	0.0000	0.0000	.
123137140_14	64	19MAR14	21APR14	0.0234	0.0427	182.2
123141680_14	75	02APR14	11MAY14	0.0253	0.0438	172.8
123147730_14	22	26APR14	02MAY14	0.0000	0.0000	.
123146380_14	64	29APR14	07JUN14	0.0000	0.0000	.
123153670_14	60	21MAY14	24JUN14	0.0117	0.0324	277.5
123156150_14	24	29MAY14	02JUN14	0.0208	0.0415	199.1
123163220_14	62	11JUN14	26JUL14	0.0000	0.0000	.
123170050_14	32	12JUL14	04AUG14	0.0156	0.0369	236.1
123170030_14	57	16JUL14	12AUG14	0.0351	0.0481	137.2
123170080_14	113	30JUL14	25SEP14	0.0372	0.0485	130.6
123170100_14	8	01AUG14	11AUG14	0.0000	0.0000	.
123170110_14	64	27AUG14	07OCT14	0.0000	0.0000	.
123170130_14	40	18SEP14	30SEP14	0.0000	0.0000	.
123170160_14	103	30SEP14	10NOV14	0.0000	0.0000	.
123170230_14	88	05NOV14	17DEC14	0.0000	0.0000	.
123170210_14	21	10NOV14	16NOV14	0.0000	0.0000	.
123170260_14	20	07DEC14	14DEC14	0.0000	0.0000	.
123170290_15	17	02JAN15	17JAN15	0.0000	0.0000	.
123170340_15	55	09JAN15	27JAN15	0.0000	0.0000	.
123170390_15	6	26JAN15	27JAN15	0.0167	0.0408	244.9


Basophils (%) (Lvl 1) Quality Control
0.10
0.08
0.06
0.04
0.02
0.00
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Apr
DATE

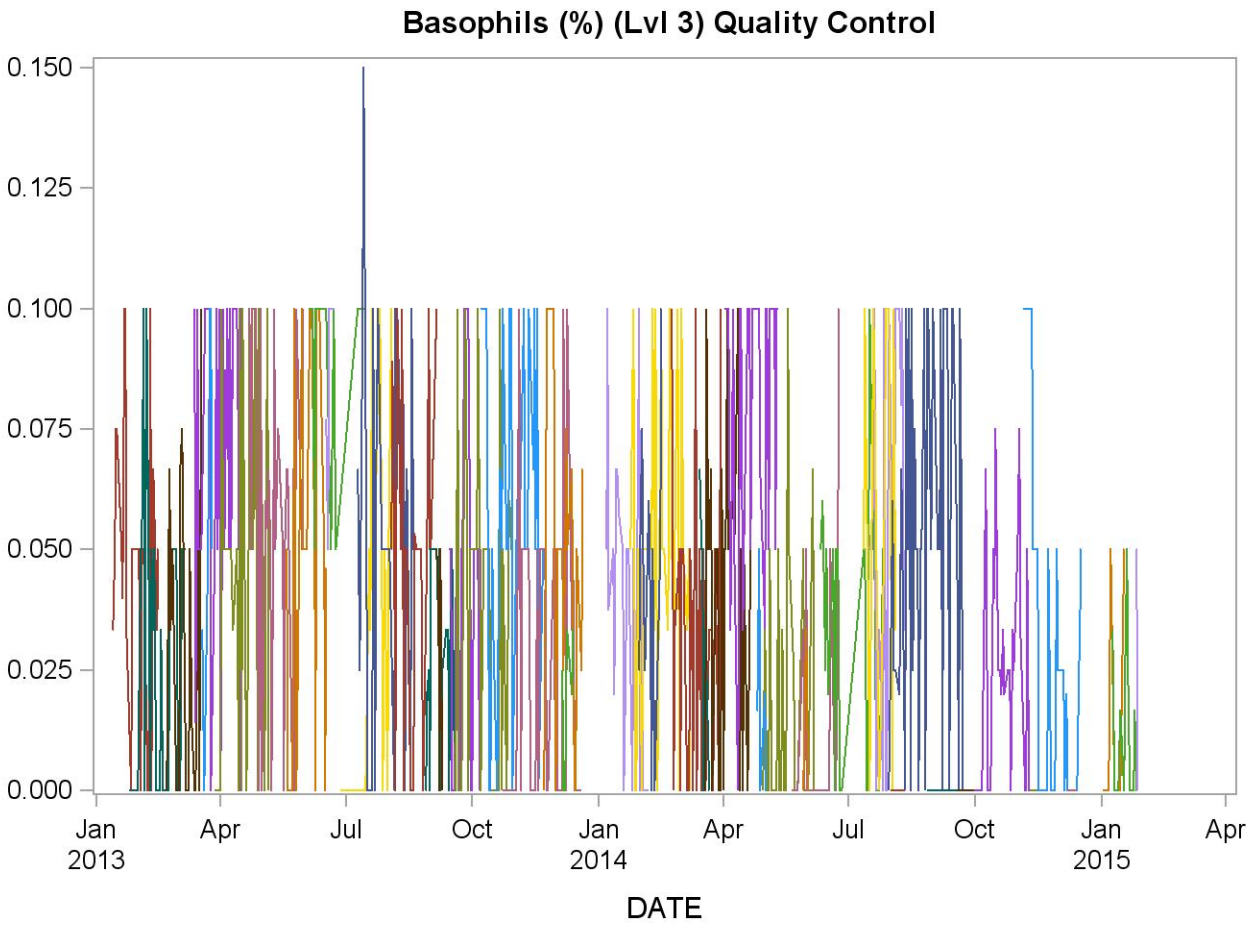
Summary Statistics for Basophils (%) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	0.0600	0.0548	91.3
132970940_13	65	13JAN13	15FEB13	0.0631	0.0486	77.1
132976140_13	66	25JAN13	07MAR13	0.0788	0.0412	52.3
132984140_13	57	21FEB13	16MAR13	0.0684	0.0469	68.5
132994700_13	62	13MAR13	17APR13	0.0710	0.0458	64.5
132999690_13	12	19MAR13	26MAR13	0.0750	0.0452	60.3
132996520_13	61	28MAR13	06MAY13	0.0738	0.0444	60.1
133008010_13	81	22APR13	31MAY13	0.0840	0.0402	47.9
133014400_13	55	19MAY13	17JUN13	0.1000	0.0000	0.0
133024770_13	49	04JUN13	16JUL13	0.0878	0.0331	37.7
133029570_13	20	17JUN13	23JUN13	0.1000	0.0000	0.0
133030790_13	33	27JUN13	04AUG13	0.0879	0.0331	37.7
133037020_13	74	10JUL13	19AUG13	0.0730	0.0447	61.3
133048140_13	69	03AUG13	05SEP13	0.0688	0.0463	67.2
133059970_13	52	28AUG13	19SEP13	0.0481	0.0505	104.9
133061570_13	20	05SEP13	09SEP13	0.0550	0.0510	92.8
133065550_13	51	14SEP13	07OCT13	0.0667	0.0516	77.5
133068600_13	72	19SEP13	29OCT13	0.0694	0.0493	71.0
133074210_13	62	07OCT13	21NOV13	0.0790	0.0449	56.8
133081690_13	63	23OCT13	19DEC13	0.0794	0.0408	51.4
133088420_13	49	22NOV13	20DEC13	0.0878	0.0331	37.7
133091670_13	27	05DEC13	13DEC13	0.0704	0.0465	66.1
133108830_14	84	06JAN14	10FEB14	0.0774	0.0421	54.4
133112730_14	66	24JAN14	08MAR14	0.0773	0.0422	54.6
133115730_14	45	30JAN14	15FEB14	0.0689	0.0468	68.0
133121370_14	60	23FEB14	30MAR14	0.0717	0.0454	63.4
133134190_14	23	15MAR14	22MAR14	0.0522	0.0511	97.9
133137150_14	67	19MAR14	21APR14	0.0463	0.0502	108.6
133141690_14	80	02APR14	11MAY14	0.0838	0.0434	51.8
133147740_14	24	26APR14	02MAY14	0.0708	0.0464	65.5
133146390_14	65	29APR14	07JUN14	0.0646	0.0513	79.4
133153680_14	71	21MAY14	24JUN14	0.0817	0.0390	47.7
133156160_14	24	29MAY14	02JUN14	0.0667	0.0482	72.2
133163230_14	68	11JUN14	26JUL14	0.1000	0.0000	0.0
133180050_14	32	12JUL14	04AUG14	0.0750	0.0440	58.7
133180030_14	57	16JUL14	12AUG14	0.0895	0.0409	45.7
133180080_14	108	30JUL14	25SEP14	0.0806	0.0420	52.2
133180100_14	8	01AUG14	11AUG14	0.0375	0.0518	138.0
133180110_14	65	27AUG14	07OCT14	0.0615	0.0490	79.7
133180130_14	42	18SEP14	30SEP14	0.0762	0.0484	63.6
133180160_14	101	30SEP14	10NOV14	0.0881	0.0325	36.9
133180230_14	86	05NOV14	17DEC14	0.0674	0.0471	69.9
133180210_14	20	10NOV14	16NOV14	0.0850	0.0366	43.1
133180260_14	20	07DEC14	14DEC14	0.0700	0.0470	67.2
133180290_15	23	02JAN15	17JAN15	0.0565	0.0507	89.7
133180340_15	57	09JAN15	27JAN15	0.0728	0.0444	61.0
133180390_15	6	26JAN15	27JAN15	0.0667	0.0516	77.5


Basophils (%) (Lvl 2) Quality Control
0.20
0.15
0.10
0.05
0.00
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Apr
DATE

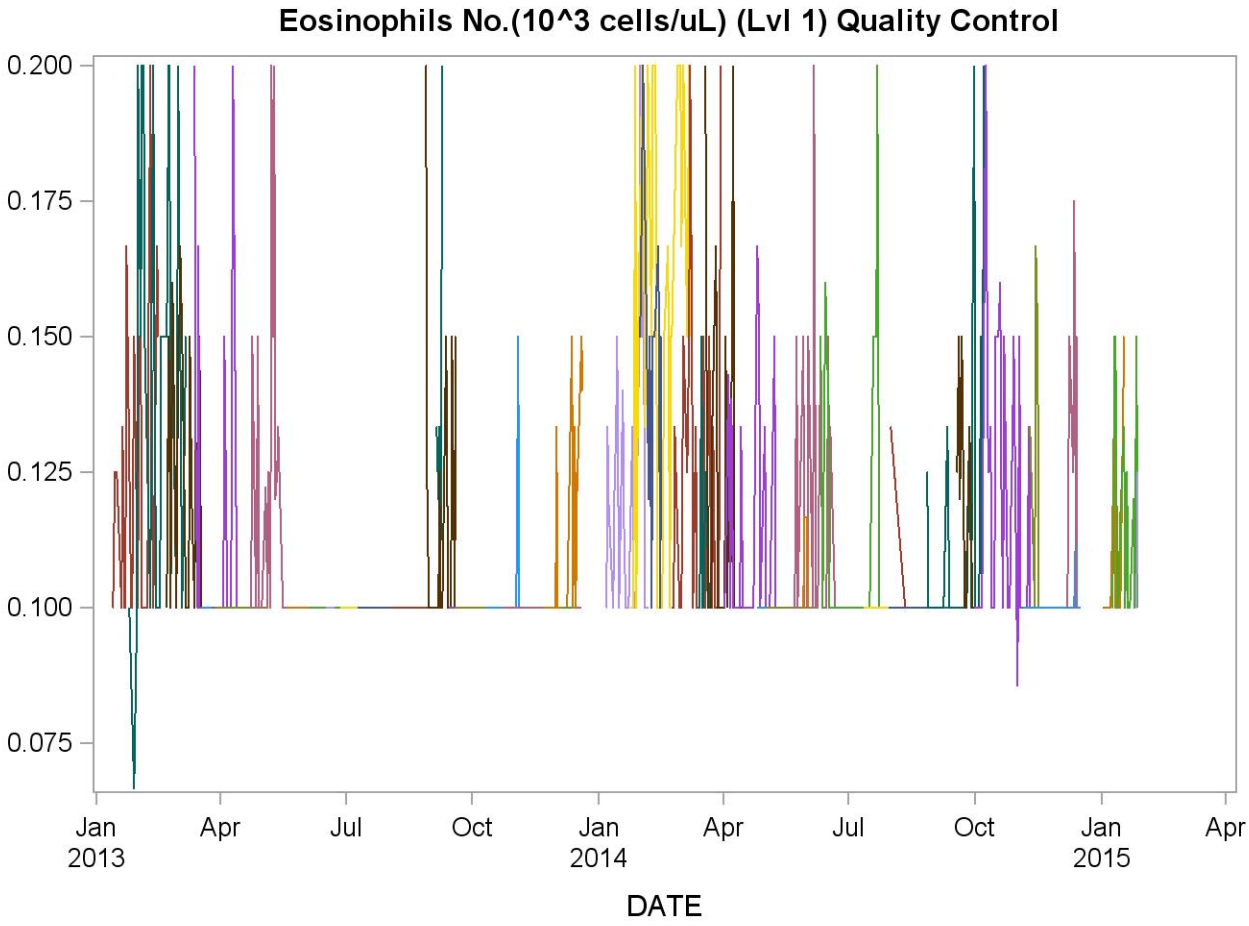
Summary Statistics for Basophils (%) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	0.0000	0.0000	.
142970950_13	63	13JAN13	15FEB13	0.0476	0.0503	105.7
142976150_13	60	25JAN13	07MAR13	0.0267	0.0446	167.2
142984150_13	58	21FEB13	18MAR13	0.0293	0.0459	156.7
142994710_13	60	13MAR13	17APR13	0.0617	0.0490	79.5
142999700_13	13	19MAR13	26MAR13	0.0538	0.0519	96.4
142996530_13	56	28MAR13	06MAY13	0.0482	0.0504	104.6
143008020_13	96	22APR13	31MAY13	0.0552	0.0500	90.5
143014410_13	51	19MAY13	17JUN13	0.0529	0.0504	95.2
143024780_13	49	04JUN13	16JUL13	0.0898	0.0306	34.1
143029580_13	21	17JUN13	23JUN13	0.0810	0.0402	49.7
143030800_13	32	27JUN13	04AUG13	0.0500	0.0508	101.6
143037030_13	64	10JUL13	19AUG13	0.0578	0.0529	91.4
143048150_13	66	03AUG13	05SEP13	0.0530	0.0503	94.8
143059980_13	48	28AUG13	19SEP13	0.0229	0.0425	185.3
143061580_13	15	05SEP13	09SEP13	0.0333	0.0488	146.4
143065560_13	47	14SEP13	07OCT13	0.0362	0.0486	134.3
143068610_13	62	19SEP13	29OCT13	0.0339	0.0477	140.9
143074220_13	59	07OCT13	21NOV13	0.0576	0.0498	86.5
143081700_13	62	23OCT13	19DEC13	0.0258	0.0441	170.9
143088430_13	61	22NOV13	20DEC13	0.0410	0.0496	121.0
143091680_13	25	05DEC13	13DEC13	0.0200	0.0408	204.1
143108840_14	71	06JAN14	06FEB14	0.0401	0.0490	122.1
143112740_14	61	24JAN14	08MAR14	0.0475	0.0504	105.9
143115740_14	42	30JAN14	15FEB14	0.0452	0.0504	111.4
143121380_14	57	23FEB14	30MAR14	0.0298	0.0462	154.8
143134200_14	20	15MAR14	22MAR14	0.0350	0.0489	139.8
143137160_14	53	19MAR14	21APR14	0.0434	0.0500	115.3
143141700_14	73	02APR14	11MAY14	0.0726	0.0449	61.9
143147750_14	22	26APR14	02MAY14	0.0227	0.0429	188.7
143146400_14	59	30APR14	07JUN14	0.0186	0.0393	210.7
143153690_14	57	21MAY14	24JUN14	0.0105	0.0310	294.1
143156170_14	24	29MAY14	02JUN14	0.0167	0.0381	228.4
143163240_14	62	11JUN14	26JUL14	0.0323	0.0471	146.1
143190050_14	34	12JUL14	04AUG14	0.0559	0.0504	90.2
143190030_14	55	16JUL14	12AUG14	0.0582	0.0567	97.5
143190080_14	98	30JUL14	25SEP14	0.0531	0.0502	94.5
143190100_14	8	01AUG14	11AUG14	0.0000	0.0000	.
143190110_14	59	27AUG14	06OCT14	0.0000	0.0000	.
143190130_14	37	18SEP14	30SEP14	0.0000	0.0000	.
143190160_14	99	30SEP14	10NOV14	0.0253	0.0437	172.9
143190230_14	85	05NOV14	17DEC14	0.0212	0.0411	194.1
143190210_14	19	10NOV14	16NOV14	0.0000	0.0000	.
143190260_14	20	07DEC14	14DEC14	0.0000	0.0000	.
143190290_15	17	02JAN15	17JAN15	0.0118	0.0332	282.3
143190340_15	56	09JAN15	27JAN15	0.0125	0.0334	267.0
143190390_15	6	26JAN15	27JAN15	0.0167	0.0408	244.9


Basophils (%) (Lvl 3) Quality Control
0.150
0.125
0.100
0.075
0.050
0.025
0.000
Jan
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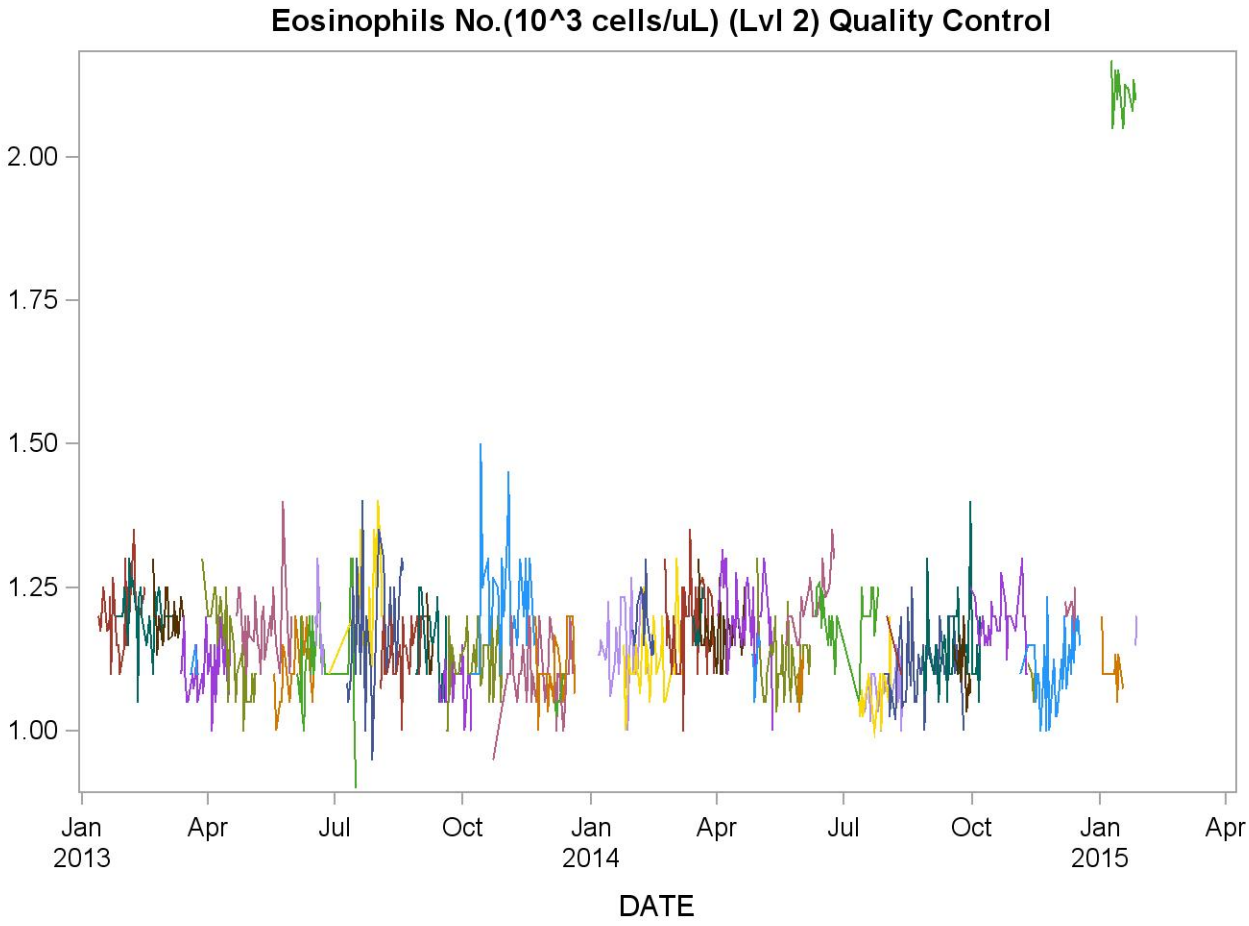
Summary Statistics for Eosinophils No.(10^3 cells/uL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	0.1000	0.0000	0.0
122970930_13	65	13JAN13	15FEB13	0.1262	0.0443	35.1
122976130_13	56	25JAN13	07MAR13	0.1464	0.0538	36.8
122984130_13	53	21FEB13	18MAR13	0.1283	0.0455	35.4
122994690_13	57	13MAR13	17APR13	0.1123	0.0331	29.5
122999670_13	12	19MAR13	26MAR13	0.1000	0.0000	0.0
122996510_13	51	28MAR13	06MAY13	0.1000	0.0000	0.0
123008000_13	79	22APR13	31MAY13	0.1152	0.0361	31.4
123014390_13	52	19MAY13	17JUN13	0.1000	0.0000	0.0
123024760_13	44	04JUN13	16JUL13	0.1000	0.0000	0.0
123029560_13	21	17JUN13	23JUN13	0.1000	0.0000	0.0
123030780_13	33	27JUN13	04AUG13	0.1000	0.0000	0.0
123037010_13	55	10JUL13	19AUG13	0.1000	0.0000	0.0
123048130_13	59	03AUG13	05SEP13	0.1000	0.0000	0.0
123059960_13	42	28AUG13	19SEP13	0.1190	0.0397	33.4
123059270_13	14	05SEP13	09SEP13	0.1286	0.0469	36.5
123065540_13	44	14SEP13	07OCT13	0.1000	0.0000	0.0
123068590_13	67	19SEP13	29OCT13	0.1000	0.0000	0.0
123074200_13	56	11OCT13	21NOV13	0.1018	0.0134	13.1
123081680_13	62	23OCT13	19DEC13	0.1000	0.0000	0.0
123088410_13	47	22NOV13	20DEC13	0.1149	0.0360	31.3
123091660_13	24	05DEC13	13DEC13	0.1000	0.0000	0.0
123108820_14	74	06JAN14	06FEB14	0.1230	0.0424	34.4
123112720_14	63	24JAN14	08MAR14	0.1587	0.0496	31.3
123115720_14	41	30JAN14	15FEB14	0.1537	0.0505	32.9
123121360_14	57	23FEB14	30MAR14	0.1228	0.0423	34.5
123134180_14	21	15MAR14	22MAR14	0.1143	0.0359	31.4
123137140_14	64	19MAR14	21APR14	0.1141	0.0350	30.7
123141680_14	75	02APR14	11MAY14	0.1187	0.0425	35.8
123147730_14	23	26APR14	02MAY14	0.1000	0.0000	0.0
123146380_14	61	30APR14	07JUN14	0.1000	0.0000	0.0
123153670_14	59	21MAY14	24JUN14	0.1136	0.0345	30.4
123156150_14	24	29MAY14	02JUN14	0.1125	0.0338	30.0
123163220_14	62	11JUN14	26JUL14	0.1226	0.0422	34.4
123170050_14	30	12JUL14	04AUG14	0.1000	0.0000	0.0
123170030_14	56	16JUL14	12AUG14	0.1000	0.0000	0.0
123170080_14	108	30JUL14	25SEP14	0.1000	0.0000	0.0
123170100_14	8	01AUG14	11AUG14	0.1125	0.0354	31.4
123170110_14	63	27AUG14	07OCT14	0.1111	0.0317	28.5
123170130_14	40	18SEP14	30SEP14	0.1200	0.0405	33.8
123170160_14	109	30SEP14	10NOV14	0.1202	0.0426	35.4
123170230_14	81	05NOV14	17DEC14	0.1006	0.0056	5.5
123170210_14	22	10NOV14	16NOV14	0.1318	0.0477	36.2
123170260_14	20	07DEC14	14DEC14	0.1300	0.0470	36.2
123170290_15	17	02JAN15	17JAN15	0.1118	0.0332	29.7
123170340_15	57	09JAN15	27JAN15	0.1175	0.0384	32.6
123170390_15	6	26JAN15	27JAN15	0.1167	0.0408	35.0


Eosinophils No.(10^3 cells/uL) (Lvl 1) Quality Control
0.200
0.175
0.150
0.125
0.100
0.075
Jan
2013
Apr
Jul
Oct
Jan
2014
Apr
Jul
Oct
Jan
2015
Apr
DATE

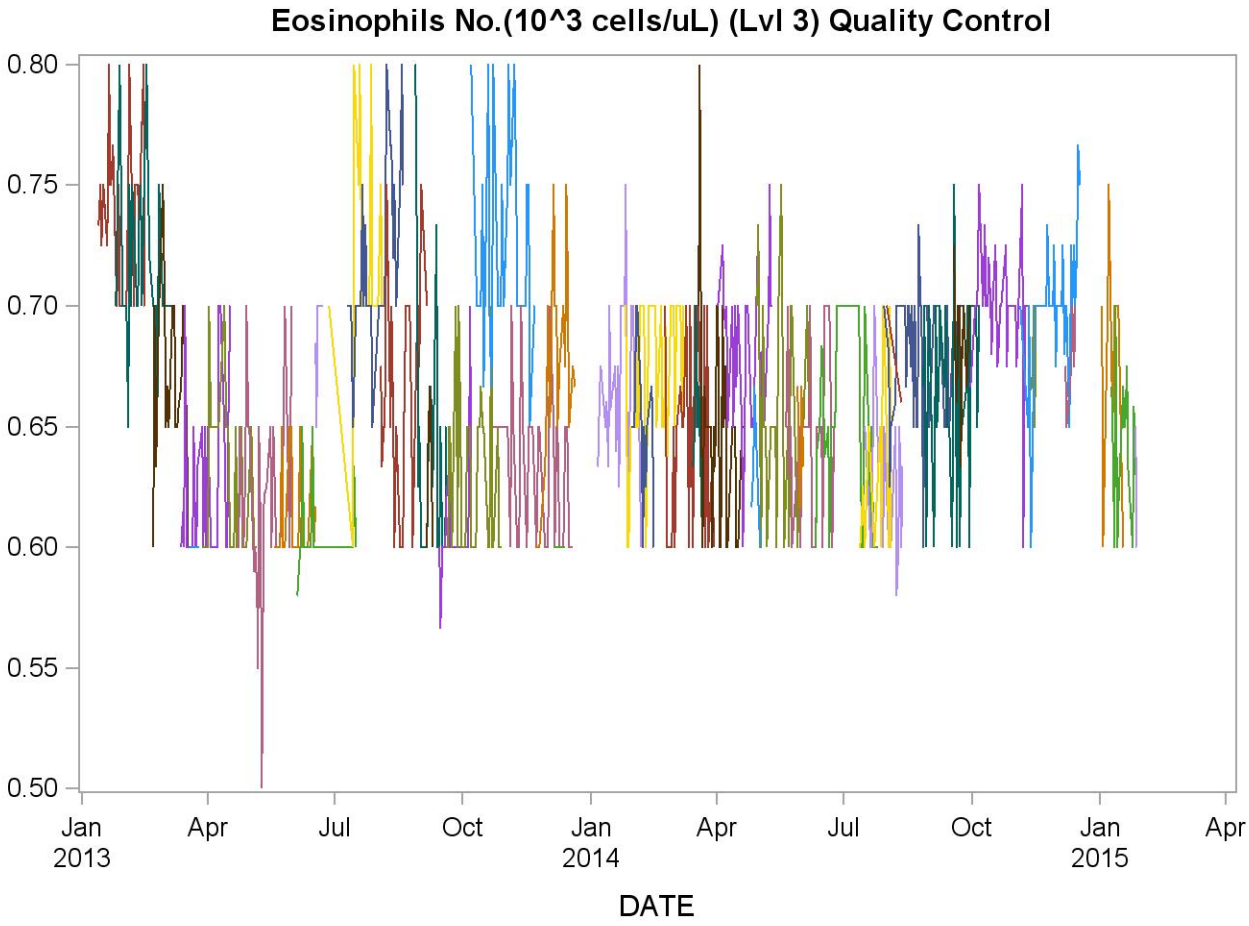
Summary Statistics for Eosinophils No.(10^3 cells/uL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	1.1000	0.0000	0.0
132970940_13	65	13JAN13	15FEB13	1.2031	0.1015	8.4
132976140_13	61	25JAN13	07MAR13	1.2016	0.0671	5.6
132984140_13	56	21FEB13	16MAR13	1.1911	0.0640	5.4
132994700_13	61	13MAR13	17APR13	1.1098	0.0700	6.3
132999690_13	12	19MAR13	26MAR13	1.1083	0.0793	7.2
132996520_13	60	28MAR13	06MAY13	1.1433	0.0871	7.6
133008010_13	80	22APR13	31MAY13	1.1869	0.1018	8.6
133014400_13	56	19MAY13	17JUN13	1.1196	0.0796	7.1
133024770_13	45	04JUN13	16JUL13	1.1133	0.1179	10.6
133029570_13	21	17JUN13	23JUN13	1.1905	0.0831	7.0
133030790_13	33	27JUN13	04AUG13	1.2273	0.1126	9.2
133037020_13	71	10JUL13	19AUG13	1.1803	0.1359	11.5
133048140_13	69	03AUG13	05SEP13	1.1399	0.0894	7.8
133059970_13	46	28AUG13	19SEP13	1.1457	0.1026	9.0
133061570_13	20	05SEP13	09SEP13	1.1600	0.0754	6.5
133065550_13	48	14SEP13	07OCT13	1.0813	0.0607	5.6
133068600_13	72	19SEP13	29OCT13	1.1208	0.0821	7.3
133074210_13	62	07OCT13	21NOV13	1.2290	0.1077	8.8
133081690_13	63	23OCT13	19DEC13	1.1016	0.0793	7.2
133088420_13	48	22NOV13	20DEC13	1.1208	0.0874	7.8
133091670_13	27	05DEC13	13DEC13	1.0593	0.0747	7.1
133108830_14	84	06JAN14	10FEB14	1.1464	0.0870	7.6
133112730_14	66	24JAN14	08MAR14	1.1197	0.0789	7.0
133115730_14	45	30JAN14	15FEB14	1.1889	0.0775	6.5
133121370_14	60	23FEB14	30MAR14	1.1833	0.0924	7.8
133134190_14	23	15MAR14	22MAR14	1.1783	0.0671	5.7
133137150_14	66	19MAR14	21APR14	1.1727	0.0814	6.9
133141690_14	79	02APR14	11MAY14	1.2278	0.0999	8.1
133147740_14	24	26APR14	02MAY14	1.1292	0.0690	6.1
133146390_14	65	29APR14	07JUN14	1.1308	0.0865	7.6
133153680_14	68	21MAY14	24JUN14	1.2265	0.0745	6.1
133156160_14	24	29MAY14	02JUN14	1.0875	0.0850	7.8
133163230_14	73	11JUN14	26JUL14	1.2014	0.0842	7.0
133180050_14	32	12JUL14	04AUG14	1.0594	0.0756	7.1
133180030_14	56	16JUL14	12AUG14	1.0732	0.1018	9.5
133180080_14	107	30JUL14	25SEP14	1.1084	0.0837	7.6
133180100_14	8	01AUG14	11AUG14	1.1375	0.0744	6.5
133180110_14	64	27AUG14	07OCT14	1.1438	0.0906	7.9
133180130_14	42	18SEP14	30SEP14	1.1119	0.0772	6.9
133180160_14	103	30SEP14	10NOV14	1.1932	0.0808	6.8
133180230_14	86	05NOV14	17DEC14	1.1186	0.0952	8.5
133180210_14	20	10NOV14	16NOV14	1.1050	0.0605	5.5
133180260_14	20	07DEC14	14DEC14	1.2150	0.0745	6.1
133180290_15	23	02JAN15	17JAN15	1.1043	0.0706	6.4
133180340_15	57	09JAN15	27JAN15	2.1070	0.0904	4.3
133180390_15	6	26JAN15	27JAN15	1.1833	0.0408	3.4


Eosinophils No.(10^3 cells/uL) (Lvl 2) Quality Control
2.00
1.75
1.50
1.25
1.00
Jan
2013
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Oct
Jan
2015
Apr
DATE

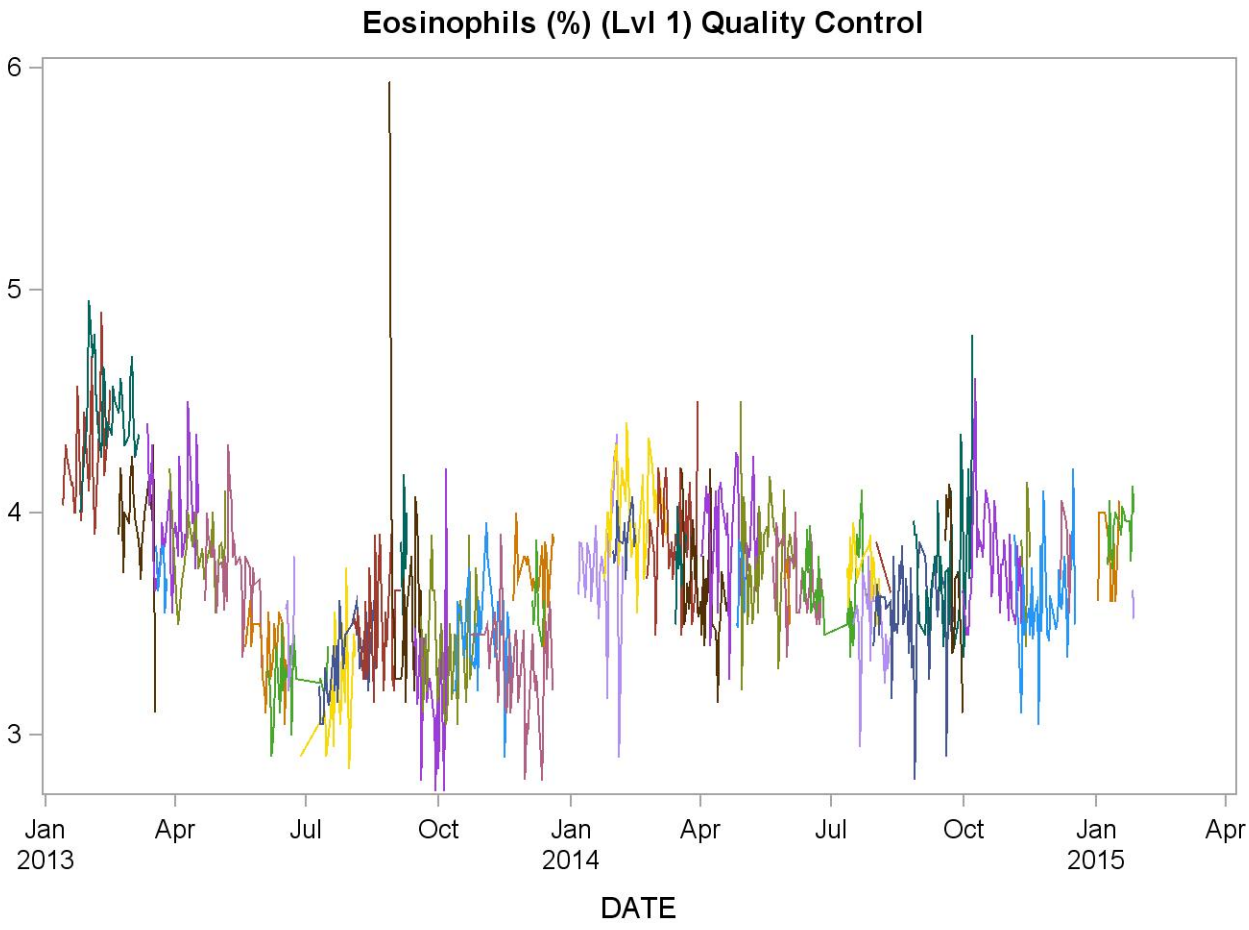
Summary Statistics for Eosinophils No.(10^3 cells/uL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	0.6250	0.0500	8.0
142970950_13	63	13JAN13	15FEB13	0.7429	0.0588	7.9
142976150_13	58	25JAN13	07MAR13	0.7155	0.0451	6.3
142984150_13	58	21FEB13	18MAR13	0.6724	0.0523	7.8
142994710_13	59	13MAR13	17APR13	0.6254	0.0439	7.0
142999700_13	13	19MAR13	26MAR13	0.6000	0.0000	0.0
142996530_13	55	28MAR13	06MAY13	0.6309	0.0466	7.4
143008020_13	96	22APR13	31MAY13	0.6156	0.0654	10.6
143014410_13	50	19MAY13	17JUN13	0.6140	0.0351	5.7
143024780_13	48	04JUN13	16JUL13	0.6042	0.0355	5.9
143029580_13	21	17JUN13	23JUN13	0.6857	0.0359	5.2
143030800_13	32	27JUN13	04AUG13	0.7250	0.0508	7.0
143037030_13	63	10JUL13	19AUG13	0.7190	0.0564	7.8
143048150_13	65	03AUG13	05SEP13	0.6585	0.0583	8.9
143059980_13	47	28AUG13	19SEP13	0.6447	0.0686	10.6
143061580_13	15	05SEP13	09SEP13	0.6333	0.0488	7.7
143065560_13	46	14SEP13	07OCT13	0.6043	0.0362	6.0
143068610_13	62	19SEP13	29OCT13	0.6274	0.0450	7.2
143074220_13	57	07OCT13	21NOV13	0.7228	0.0535	7.4
143081700_13	62	23OCT13	19DEC13	0.6355	0.0515	8.1
143088430_13	61	22NOV13	20DEC13	0.6787	0.0609	9.0
143091680_13	23	05DEC13	13DEC13	0.6000	0.0000	0.0
143108840_14	70	06JAN14	06FEB14	0.6629	0.0543	8.2
143112740_14	61	24JAN14	08MAR14	0.6705	0.0460	6.9
143115740_14	42	30JAN14	15FEB14	0.6548	0.0504	7.7
143121380_14	57	23FEB14	30MAR14	0.6474	0.0538	8.3
143134200_14	20	15MAR14	22MAR14	0.6550	0.0605	9.2
143137160_14	53	19MAR14	21APR14	0.6472	0.0541	8.4
143141700_14	72	02APR14	11MAY14	0.6875	0.0529	7.7
143147750_14	22	26APR14	02MAY14	0.6273	0.0456	7.3
143146400_14	59	30APR14	07JUN14	0.6610	0.0558	8.4
143153690_14	57	21MAY14	24JUN14	0.6421	0.0498	7.8
143156170_14	24	29MAY14	02JUN14	0.6375	0.0495	7.8
143163240_14	62	11JUN14	26JUL14	0.6452	0.0533	8.3
143190050_14	34	12JUL14	04AUG14	0.6206	0.0410	6.6
143190030_14	54	16JUL14	12AUG14	0.6241	0.0512	8.2
143190080_14	98	30JUL14	25SEP14	0.6786	0.0460	6.8
143190100_14	8	01AUG14	11AUG14	0.6750	0.0463	6.9
143190110_14	63	27AUG14	07OCT14	0.6683	0.0563	8.4
143190130_14	40	18SEP14	30SEP14	0.6800	0.0464	6.8
143190160_14	99	30SEP14	10NOV14	0.6980	0.0428	6.1
143190230_14	85	05NOV14	17DEC14	0.7035	0.0448	6.4
143190210_14	20	10NOV14	16NOV14	0.6700	0.0571	8.5
143190260_14	20	07DEC14	14DEC14	0.6800	0.0410	6.0
143190290_15	17	02JAN15	17JAN15	0.6824	0.0728	10.7
143190340_15	56	09JAN15	27JAN15	0.6420	0.0493	7.7
143190390_15	6	26JAN15	27JAN15	0.6167	0.0408	6.6


Eosinophils No.(10^3 cells/uL) (Lvl 3) Quality Control
0.80
0.75
0.70
0.65
0.60
0.55
0.50
Jan
2013
Apr
Jul
Oct
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DATE

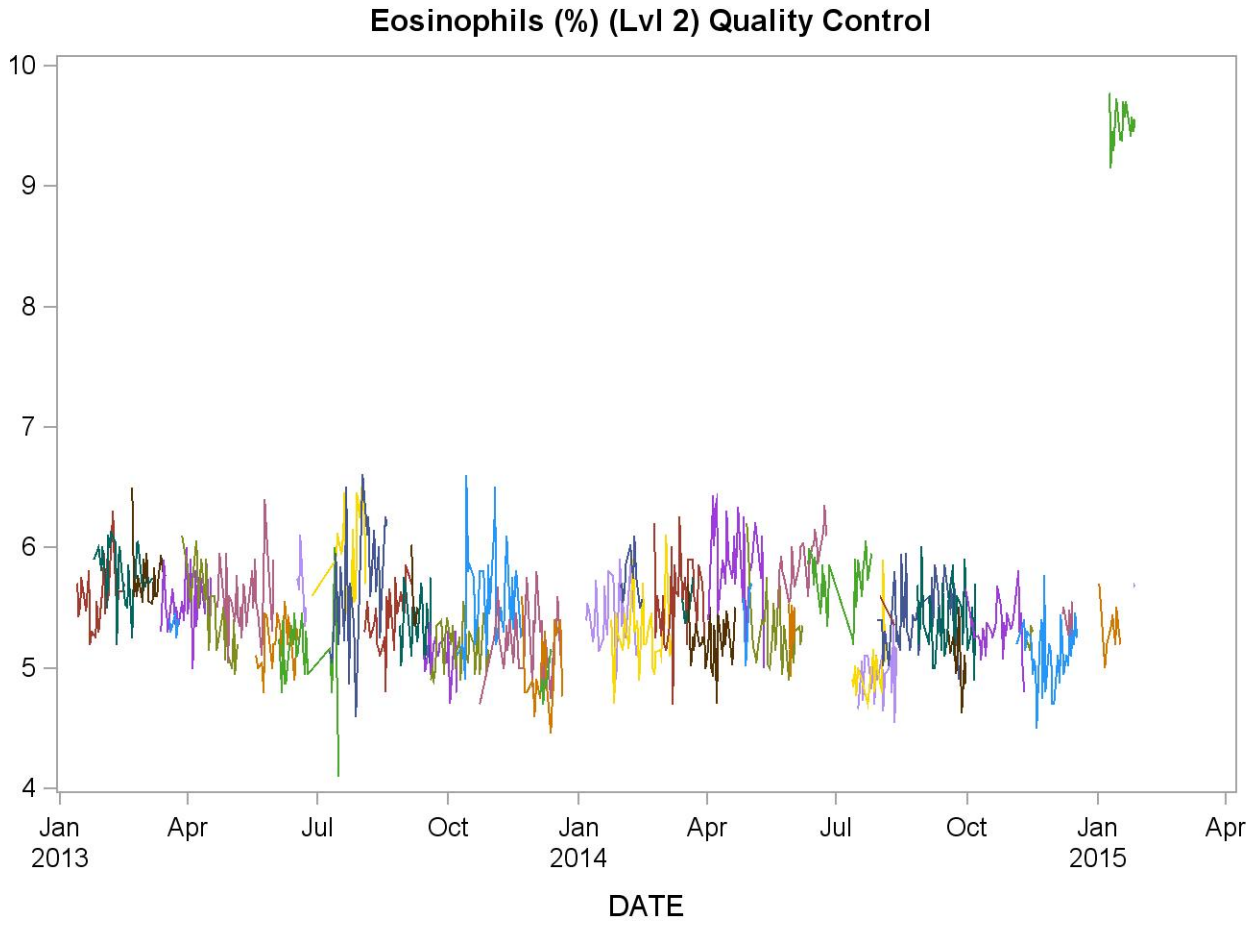
Summary Statistics for Eosinophils (%) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	3.1333	0.3055	9.8
122970930_13	64	13JAN13	15FEB13	4.2656	0.4160	9.8
122976130_13	56	25JAN13	07MAR13	4.4964	0.2904	6.5
122984130_13	53	21FEB13	18MAR13	3.9943	0.3060	7.7
122994690_13	57	13MAR13	17APR13	3.9474	0.3224	8.2
122999670_13	12	19MAR13	26MAR13	3.7417	0.1832	4.9
122996510_13	53	28MAR13	06MAY13	3.8245	0.2269	5.9
123008000_13	80	22APR13	31MAY13	3.7406	0.2756	7.4
123014390_13	53	19MAY13	17JUN13	3.3774	0.2259	6.7
123024760_13	48	04JUN13	16JUL13	3.2521	0.2154	6.6
123029560_13	21	17JUN13	23JUN13	3.5476	0.2600	7.3
123030780_13	33	27JUN13	04AUG13	3.2303	0.3274	10.1
123037010_13	58	10JUL13	19AUG13	3.3086	0.2742	8.3
123048130_13	65	03AUG13	05SEP13	3.5231	0.3287	9.3
123059960_13	46	28AUG13	19SEP13	3.7435	0.8906	23.8
123059270_13	14	05SEP13	09SEP13	3.8071	0.4196	11.0
123065540_13	47	14SEP13	07OCT13	3.2064	0.3541	11.0
123068590_13	69	19SEP13	29OCT13	3.3754	0.3354	9.9
123074200_13	56	11OCT13	21NOV13	3.4911	0.3041	8.7
123081680_13	63	23OCT13	19DEC13	3.3206	0.2818	8.5
123088410_13	46	22NOV13	20DEC13	3.7435	0.2373	6.3
123091660_13	24	05DEC13	13DEC13	3.5958	0.2236	6.2
123108820_14	74	06JAN14	06FEB14	3.7703	0.4334	11.5
123112720_14	63	24JAN14	08MAR14	4.0127	0.2899	7.2
123115720_14	40	30JAN14	15FEB14	3.8825	0.2037	5.2
123121360_14	57	23FEB14	30MAR14	3.8895	0.4207	10.8
123134180_14	20	15MAR14	22MAR14	3.7900	0.2634	6.9
123137140_14	63	19MAR14	21APR14	3.6476	0.3063	8.4
123141680_14	74	02APR14	11MAY14	3.9554	0.3847	9.7
123147730_14	23	26APR14	02MAY14	3.6217	0.3370	9.3
123146380_14	67	29APR14	07JUN14	3.8388	0.3344	8.7
123153670_14	59	21MAY14	24JUN14	3.6712	0.2865	7.8
123156150_14	24	29MAY14	02JUN14	3.7083	0.2717	7.3
123163220_14	62	11JUN14	26JUL14	3.7048	0.2725	7.4
123170050_14	32	12JUL14	04AUG14	3.7500	0.2272	6.1
123170030_14	57	16JUL14	12AUG14	3.5035	0.3571	10.2
123170080_14	112	30JUL14	25SEP14	3.5652	0.3170	8.9
123170100_14	8	01AUG14	11AUG14	3.7250	0.2252	6.0
123170110_14	63	27AUG14	07OCT14	3.7365	0.3516	9.4
123170130_14	40	18SEP14	30SEP14	3.7375	0.4395	11.8
123170160_14	108	30SEP14	10NOV14	3.7944	0.4229	11.1
123170230_14	88	05NOV14	17DEC14	3.5864	0.2995	8.4
123170210_14	22	10NOV14	16NOV14	3.8636	0.3140	8.1
123170260_14	20	07DEC14	14DEC14	3.8050	0.3379	8.9
123170290_15	17	02JAN15	17JAN15	3.8000	0.3279	8.6
123170340_15	57	09JAN15	27JAN15	3.9456	0.2508	6.4
123170390_15	6	26JAN15	27JAN15	3.5667	0.3204	9.0


Eosinophils (%) (Lvl 1) Quality Control
6
5
4
3
Jan
2013
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Apr
DATE

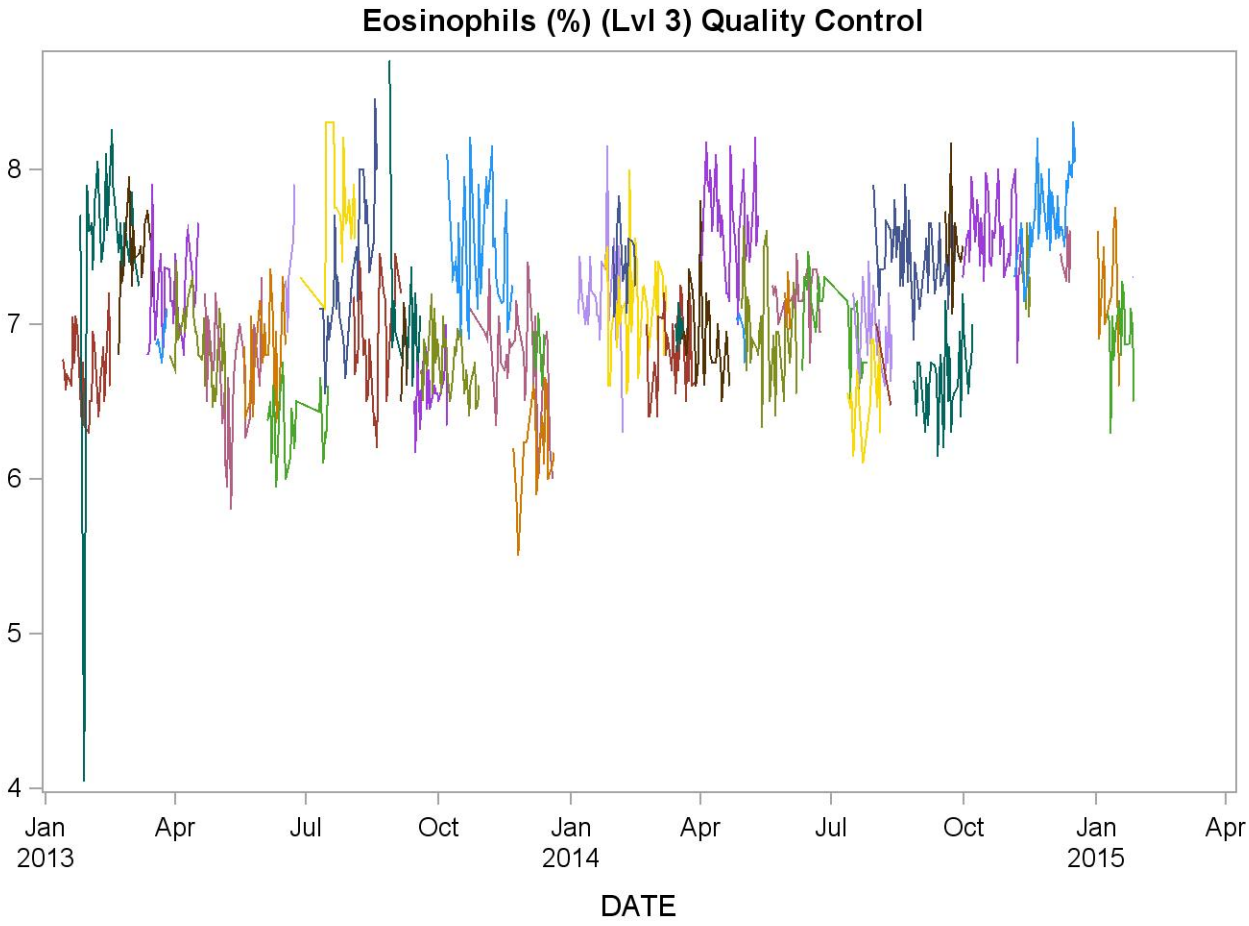
Summary Statistics for Eosinophils (%) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	5.1400	0.1342	2.6
132970940_13	64	13JAN13	15FEB13	5.6094	0.4116	7.3
132976140_13	64	25JAN13	07MAR13	5.7828	0.3109	5.4
132984140_13	57	21FEB13	16MAR13	5.7281	0.2724	4.8
132994700_13	62	13MAR13	17APR13	5.5629	0.2949	5.3
132999690_13	12	19MAR13	26MAR13	5.3667	0.2060	3.8
132996520_13	61	28MAR13	06MAY13	5.4705	0.3849	7.0
133008010_13	81	22APR13	31MAY13	5.5827	0.4327	7.8
133014400_13	57	19MAY13	17JUN13	5.2368	0.3325	6.4
133024770_13	49	04JUN13	16JUL13	5.0918	0.4983	9.8
133029570_13	21	17JUN13	23JUN13	5.7048	0.3413	6.0
133030790_13	33	27JUN13	04AUG13	5.9667	0.4948	8.3
133037020_13	74	10JUL13	19AUG13	5.7108	0.6771	11.9
133048140_13	68	03AUG13	05SEP13	5.3934	0.3854	7.1
133059970_13	50	28AUG13	19SEP13	5.3620	0.4174	7.8
133061570_13	20	05SEP13	09SEP13	5.6200	0.3286	5.8
133065550_13	50	14SEP13	07OCT13	5.1220	0.2667	5.2
133068600_13	71	19SEP13	29OCT13	5.1887	0.3092	6.0
133074210_13	62	07OCT13	21NOV13	5.5887	0.4588	8.2
133081690_13	63	23OCT13	19DEC13	5.2111	0.3561	6.8
133088420_13	49	22NOV13	20DEC13	4.9653	0.4111	8.3
133091670_13	27	05DEC13	13DEC13	4.9000	0.3138	6.4
133108830_14	84	06JAN14	10FEB14	5.4440	0.3733	6.9
133112730_14	66	24JAN14	08MAR14	5.2985	0.3686	7.0
133115730_14	45	30JAN14	15FEB14	5.7333	0.3008	5.2
133121370_14	60	23FEB14	30MAR14	5.5583	0.3989	7.2
133134190_14	23	15MAR14	22MAR14	5.4739	0.2832	5.2
133137150_14	66	19MAR14	21APR14	5.2227	0.3525	6.7
133141690_14	79	02APR14	11MAY14	6.0101	0.4471	7.4
133147740_14	24	26APR14	02MAY14	5.5083	0.3374	6.1
133146390_14	65	29APR14	07JUN14	5.3554	0.3869	7.2
133153680_14	70	21MAY14	24JUN14	5.9043	0.3067	5.2
133156160_14	24	29MAY14	02JUN14	5.2958	0.3532	6.7
133163230_14	75	11JUN14	26JUL14	5.7693	0.3650	6.3
133180050_14	32	12JUL14	04AUG14	4.9594	0.3301	6.7
133180030_14	56	16JUL14	12AUG14	4.9482	0.4394	8.9
133180080_14	107	30JUL14	25SEP14	5.4271	0.3733	6.9
133180100_14	8	01AUG14	11AUG14	5.4500	0.2928	5.4
133180110_14	64	27AUG14	07OCT14	5.4250	0.4043	7.5
133180130_14	42	18SEP14	30SEP14	5.1048	0.3649	7.1
133180160_14	103	30SEP14	10NOV14	5.3447	0.3211	6.0
133180230_14	86	05NOV14	17DEC14	5.1151	0.4362	8.5
133180210_14	20	10NOV14	16NOV14	5.2700	0.2105	4.0
133180260_14	20	07DEC14	14DEC14	5.4000	0.2695	5.0
133180290_15	23	02JAN15	17JAN15	5.3304	0.2819	5.3
133180340_15	57	09JAN15	27JAN15	9.5333	0.3507	3.7
133180390_15	6	26JAN15	27JAN15	5.6833	0.1472	2.6


Eosinophils (%) (Lvl 2) Quality Control
10
9
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Jan
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Apr
DATE

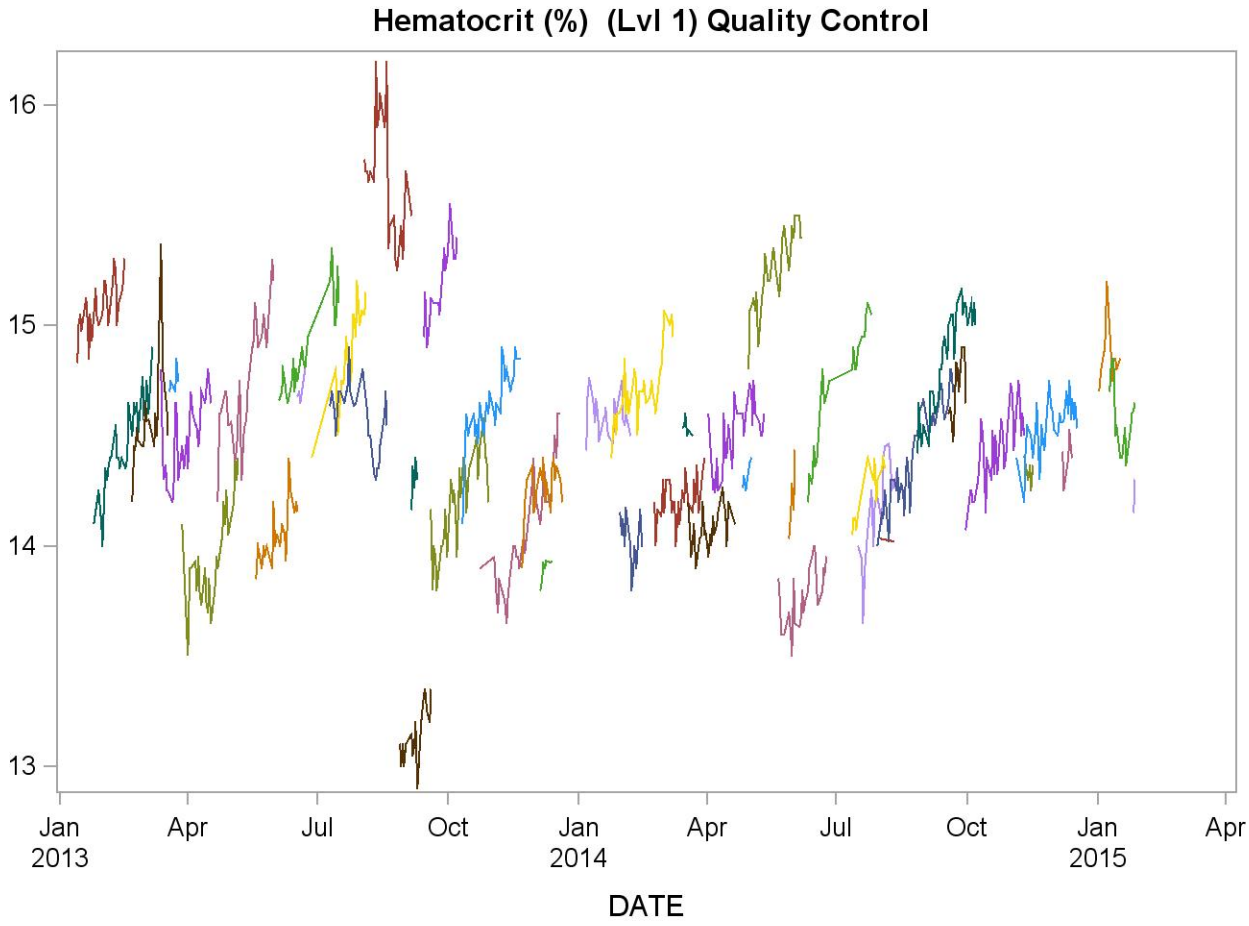
Summary Statistics for Eosinophils (%) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	6.3500	0.3109	4.9
142970950_13	63	13JAN13	15FEB13	6.7143	0.4215	6.3
142976150_13	59	25JAN13	07MAR13	7.5339	1.0659	14.1
142984150_13	57	21FEB13	18MAR13	7.4737	0.4121	5.5
142994710_13	60	13MAR13	17APR13	7.1717	0.3683	5.1
142999700_13	13	19MAR13	26MAR13	6.9231	0.2315	3.3
142996530_13	56	28MAR13	06MAY13	6.8821	0.3776	5.5
143008020_13	96	22APR13	31MAY13	6.6000	0.6104	9.2
143014410_13	51	19MAY13	17JUN13	6.8412	0.3471	5.1
143024780_13	49	04JUN13	16JUL13	6.3612	0.3154	5.0
143029580_13	21	17JUN13	23JUN13	7.3333	0.3851	5.3
143030800_13	32	27JUN13	04AUG13	7.8344	0.4345	5.5
143037030_13	64	10JUL13	19AUG13	7.3625	0.5610	7.6
143048150_13	66	03AUG13	05SEP13	6.8848	0.5012	7.3
143059980_13	47	28AUG13	19SEP13	7.0617	0.5609	7.9
143061580_13	15	05SEP13	09SEP13	6.8133	0.3796	5.6
143065560_13	46	14SEP13	07OCT13	6.5457	0.3016	4.6
143068610_13	61	19SEP13	29OCT13	6.7344	0.2828	4.2
143074220_13	57	07OCT13	21NOV13	7.4596	0.4590	6.2
143081700_13	62	23OCT13	19DEC13	6.8065	0.3548	5.2
143088430_13	61	22NOV13	20DEC13	6.2295	0.4685	7.5
143091680_13	25	05DEC13	13DEC13	6.8200	0.3731	5.5
143108840_14	70	06JAN14	06FEB14	7.1907	0.4756	6.6
143112740_14	61	24JAN14	08MAR14	7.0852	0.3983	5.6
143115740_14	42	30JAN14	15FEB14	7.3929	0.4093	5.5
143121380_14	57	23FEB14	30MAR14	6.8193	0.3944	5.8
143134200_14	19	15MAR14	22MAR14	6.9474	0.2988	4.3
143137160_14	52	19MAR14	21APR14	6.9115	0.3552	5.1
143141700_14	72	02APR14	11MAY14	7.7431	0.4919	6.4
143147750_14	22	26APR14	02MAY14	6.9909	0.3161	4.5
143146400_14	59	30APR14	07JUN14	6.9576	0.4450	6.4
143153690_14	57	21MAY14	24JUN14	7.1719	0.2914	4.1
143156170_14	24	29MAY14	02JUN14	7.1500	0.3230	4.5
143163240_14	62	11JUN14	26JUL14	7.0984	0.4214	5.9
143190050_14	34	12JUL14	04AUG14	6.4912	0.2978	4.6
143190030_14	55	16JUL14	12AUG14	6.9309	0.4286	6.2
143190080_14	98	30JUL14	25SEP14	7.4327	0.3487	4.7
143190100_14	8	01AUG14	11AUG14	6.6750	0.3808	5.7
143190110_14	63	27AUG14	07OCT14	6.6508	0.3906	5.9
143190130_14	40	18SEP14	30SEP14	7.4900	0.4367	5.8
143190160_14	99	30SEP14	10NOV14	7.5525	0.3832	5.1
143190230_14	85	05NOV14	17DEC14	7.7400	0.4068	5.3
143190210_14	20	10NOV14	16NOV14	7.3350	0.4308	5.9
143190260_14	21	07DEC14	14DEC14	7.4190	0.4214	5.7
143190290_15	17	02JAN15	17JAN15	7.2412	0.4139	5.7
143190340_15	56	09JAN15	27JAN15	6.9696	0.3577	5.1
143190390_15	6	26JAN15	27JAN15	7.3000	0.2530	3.5


Eosinophils (%) (Lvl 3) Quality Control
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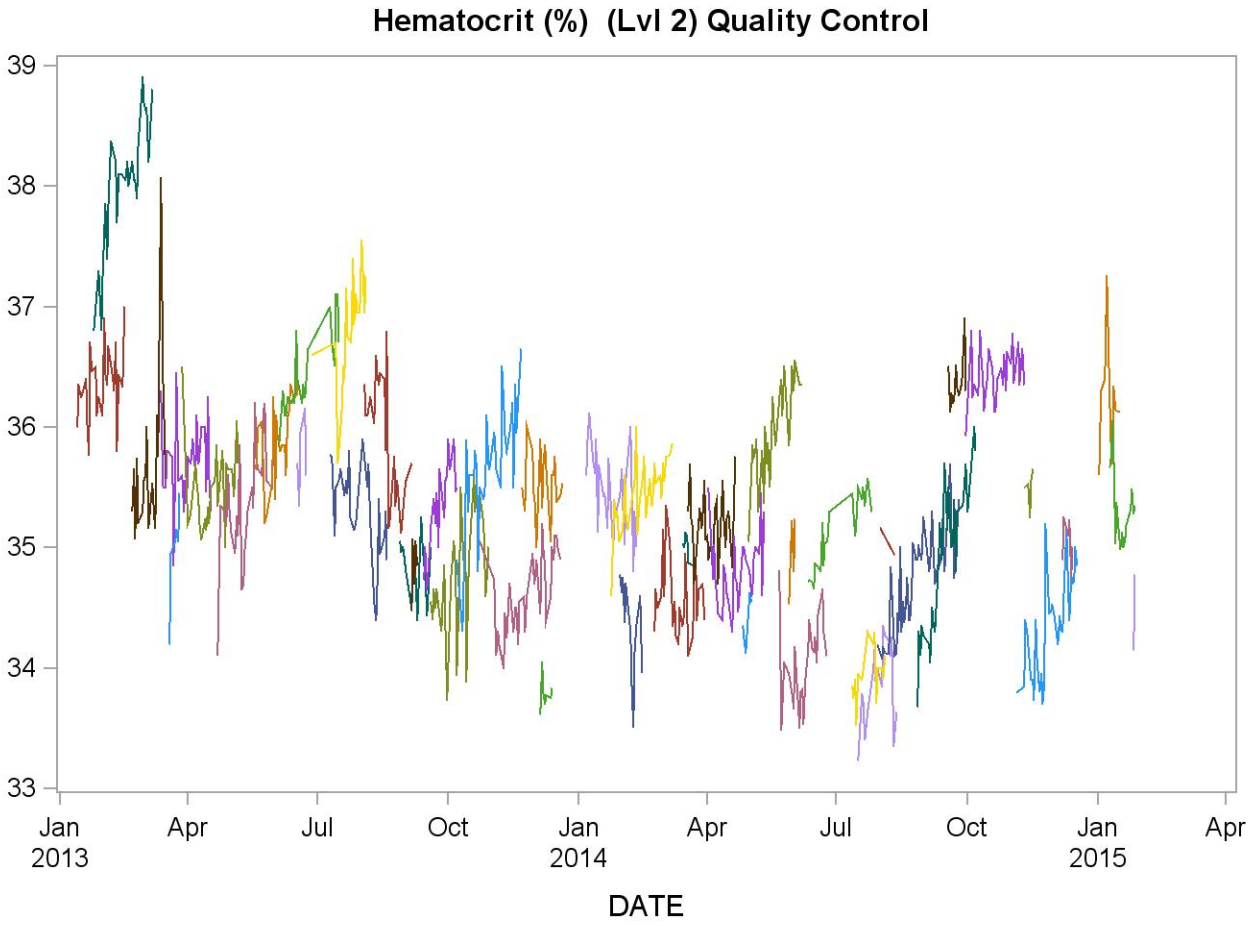
Summary Statistics for Hematocrit (%) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	14.3667	0.2082	1.4
122970930_13	65	13JAN13	15FEB13	15.0723	0.1957	1.3
122976130_13	57	25JAN13	07MAR13	14.4789	0.2210	1.5
122984130_13	53	21FEB13	18MAR13	14.6094	0.3008	2.1
122994690_13	57	13MAR13	17APR13	14.4772	0.2220	1.5
122999670_13	12	19MAR13	26MAR13	14.7500	0.0798	0.5
122996510_13	54	28MAR13	06MAY13	13.9667	0.2257	1.6
123008000_13	79	22APR13	31MAY13	14.6570	0.2790	1.9
123014390_13	51	19MAY13	17JUN13	14.0745	0.1521	1.1
123024760_13	45	04JUN13	16JUL13	14.8644	0.2197	1.5
123029560_13	21	17JUN13	23JUN13	14.7000	0.1304	0.9
123030780_13	33	27JUN13	04AUG13	14.9152	0.2138	1.4
123037010_13	57	10JUL13	19AUG13	14.5912	0.1735	1.2
123048130_13	65	03AUG13	05SEP13	15.6015	0.2690	1.7
123059960_13	44	28AUG13	19SEP13	13.1386	0.1603	1.2
123059270_13	14	05SEP13	09SEP13	14.3000	0.1177	0.8
123065540_13	46	14SEP13	07OCT13	15.1565	0.1882	1.2
123068590_13	70	19SEP13	29OCT13	14.2371	0.2329	1.6
123074200_13	57	11OCT13	21NOV13	14.6421	0.1832	1.3
123081680_13	65	23OCT13	19DEC13	14.0723	0.2678	1.9
123088410_13	47	22NOV13	20DEC13	14.2766	0.1402	1.0
123091660_13	24	05DEC13	13DEC13	13.8958	0.1122	0.8
123108820_14	74	06JAN14	06FEB14	14.5946	0.1735	1.2
123112720_14	65	24JAN14	08MAR14	14.7400	0.1844	1.3
123115720_14	41	30JAN14	15FEB14	14.0439	0.1415	1.0
123121360_14	57	23FEB14	30MAR14	14.2193	0.1288	0.9
123134180_14	21	15MAR14	22MAR14	14.5381	0.0921	0.6
123137140_14	64	19MAR14	21APR14	14.0859	0.1167	0.8
123141680_14	75	02APR14	11MAY14	14.4520	0.1955	1.4
123147730_14	23	26APR14	02MAY14	14.3130	0.0869	0.6
123146380_14	66	30APR14	07JUN14	15.2576	0.1840	1.2
123153670_14	60	21MAY14	24JUN14	13.7550	0.1780	1.3
123156150_14	24	29MAY14	02JUN14	14.2083	0.1530	1.1
123163220_14	63	11JUN14	26JUL14	14.6349	0.3049	2.1
123170050_14	32	12JUL14	04AUG14	14.1969	0.1492	1.1
123170030_14	56	16JUL14	12AUG14	14.1589	0.2627	1.9
123170080_14	115	30JUL14	25SEP14	14.4017	0.2537	1.8
123170100_14	8	01AUG14	11AUG14	14.0250	0.1282	0.9
123170110_14	65	27AUG14	07OCT14	14.8308	0.2487	1.7
123170130_14	40	18SEP14	30SEP14	14.6900	0.1707	1.2
123170160_14	108	30SEP14	10NOV14	14.4407	0.2738	1.9
123170230_14	90	05NOV14	17DEC14	14.5533	0.1574	1.1
123170210_14	22	10NOV14	16NOV14	14.3727	0.1241	0.9
123170260_14	20	07DEC14	14DEC14	14.4200	0.0951	0.7
123170290_15	17	02JAN15	17JAN15	14.8529	0.1281	0.9
123170340_15	57	09JAN15	27JAN15	14.5561	0.2315	1.6
123170390_15	6	26JAN15	27JAN15	14.2500	0.1378	1.0


Hematocrit (%) (Lvl 1) Quality Control
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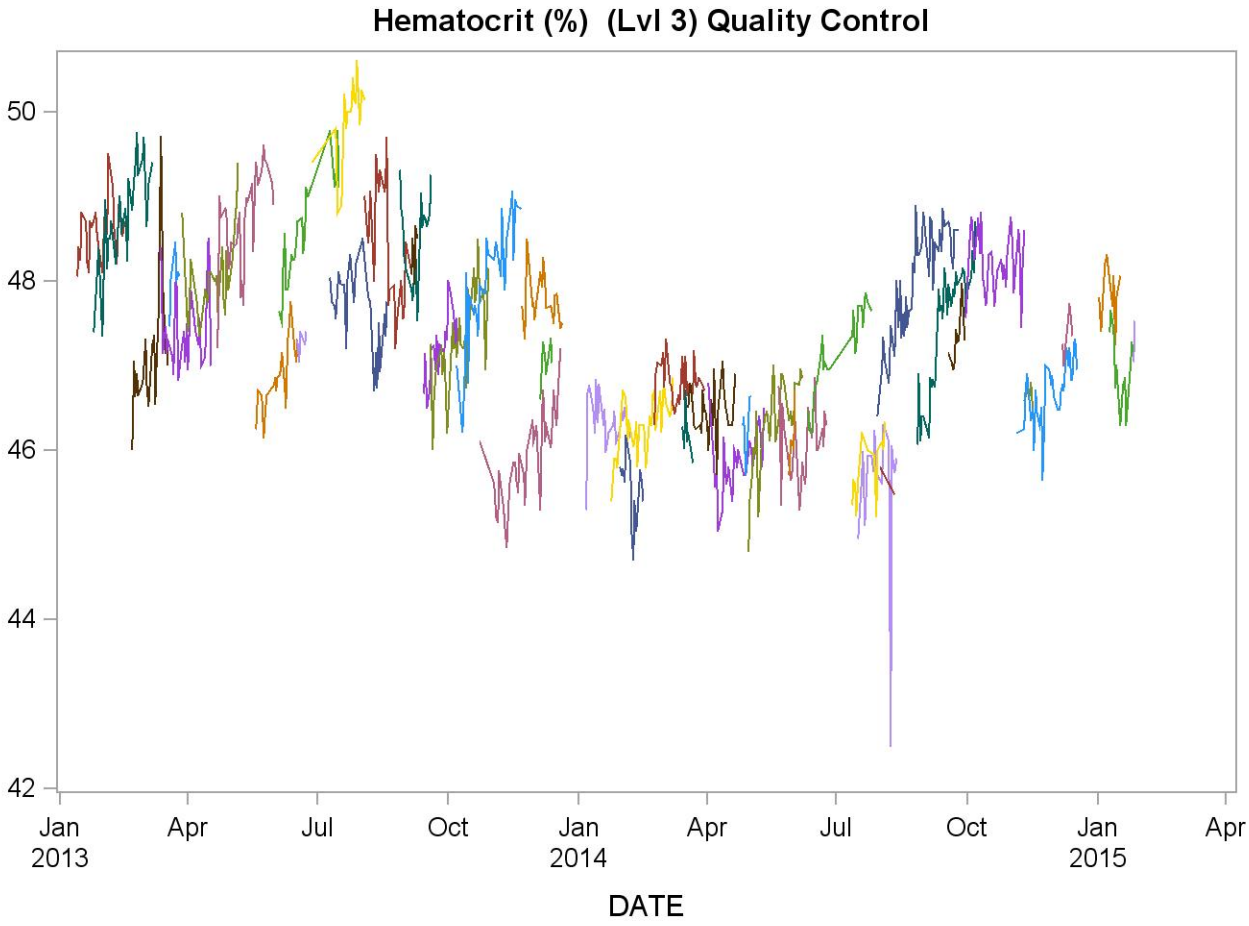
Summary Statistics for Hematocrit (%) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	36.0200	0.8438	2.3
132970940_13	64	13JAN13	15FEB13	36.3359	0.4307	1.2
132976140_13	61	25JAN13	07MAR13	38.0869	0.5807	1.5
132984140_13	56	21FEB13	16MAR13	35.6571	0.9464	2.7
132994700_13	61	13MAR13	17APR13	35.6459	0.5022	1.4
132999690_13	12	19MAR13	26MAR13	34.9750	0.4495	1.3
132996520_13	60	28MAR13	06MAY13	35.4600	0.3679	1.0
133008010_13	80	22APR13	31MAY13	35.2863	0.6714	1.9
133014400_13	56	19MAY13	17JUN13	35.9375	0.4920	1.4
133024770_13	45	04JUN13	16JUL13	36.3844	0.4522	1.2
133029570_13	21	17JUN13	23JUN13	35.7238	0.3632	1.0
133030790_13	33	27JUN13	04AUG13	36.8242	0.6078	1.7
133037020_13	71	10JUL13	19AUG13	35.1887	0.5466	1.6
133048140_13	69	03AUG13	05SEP13	35.7478	0.6028	1.7
133059970_13	49	28AUG13	19SEP13	34.8347	0.3186	0.9
133061570_13	20	05SEP13	09SEP13	34.8050	0.4925	1.4
133065550_13	50	14SEP13	07OCT13	35.2420	0.4473	1.3
133068600_13	74	19SEP13	29OCT13	34.6486	0.6706	1.9
133074210_13	62	07OCT13	21NOV13	35.7387	0.5582	1.6
133081690_13	64	23OCT13	19DEC13	34.6203	0.3604	1.0
133088420_13	49	22NOV13	20DEC13	35.5122	0.4304	1.2
133091670_13	27	05DEC13	13DEC13	33.7556	0.2940	0.9
133108830_14	84	06JAN14	10FEB14	35.5095	0.5122	1.4
133112730_14	65	24JAN14	08MAR14	35.4831	0.3412	1.0
133115730_14	44	30JAN14	15FEB14	34.3955	0.4226	1.2
133121370_14	60	23FEB14	30MAR14	34.5833	0.4354	1.3
133134190_14	23	15MAR14	22MAR14	35.0087	0.3014	0.9
133137150_14	68	19MAR14	21APR14	35.1603	0.3833	1.1
133141690_14	79	02APR14	11MAY14	34.7684	0.3927	1.1
133147740_14	24	26APR14	02MAY14	34.3708	0.2662	0.8
133146390_14	64	30APR14	07JUN14	35.9172	0.5513	1.5
133153680_14	69	21MAY14	24JUN14	33.9913	0.4680	1.4
133156160_14	24	29MAY14	02JUN14	34.9750	0.4067	1.2
133163230_14	73	11JUN14	26JUL14	34.9863	0.3888	1.1
133180050_14	32	12JUL14	04AUG14	33.8938	0.2972	0.9
133180030_14	58	16JUL14	12AUG14	33.8397	0.4393	1.3
133180080_14	108	30JUL14	25SEP14	34.6463	0.5534	1.6
133180100_14	8	01AUG14	11AUG14	35.0250	0.2493	0.7
133180110_14	64	27AUG14	07OCT14	34.8703	0.6877	2.0
133180130_14	42	18SEP14	30SEP14	36.3548	0.3576	1.0
133180160_14	104	30SEP14	10NOV14	36.4288	0.4916	1.3
133180230_14	85	05NOV14	17DEC14	34.3800	0.4611	1.3
133180210_14	20	10NOV14	16NOV14	35.5000	0.3044	0.9
133180260_14	20	07DEC14	14DEC14	35.0200	0.2745	0.8
133180290_15	23	02JAN15	17JAN15	36.1652	0.4648	1.3
133180340_15	57	09JAN15	27JAN15	35.2833	0.4487	1.3
133180390_15	6	26JAN15	27JAN15	34.5667	0.3327	1.0


Hematocrit (%) (Lvl 2) Quality Control
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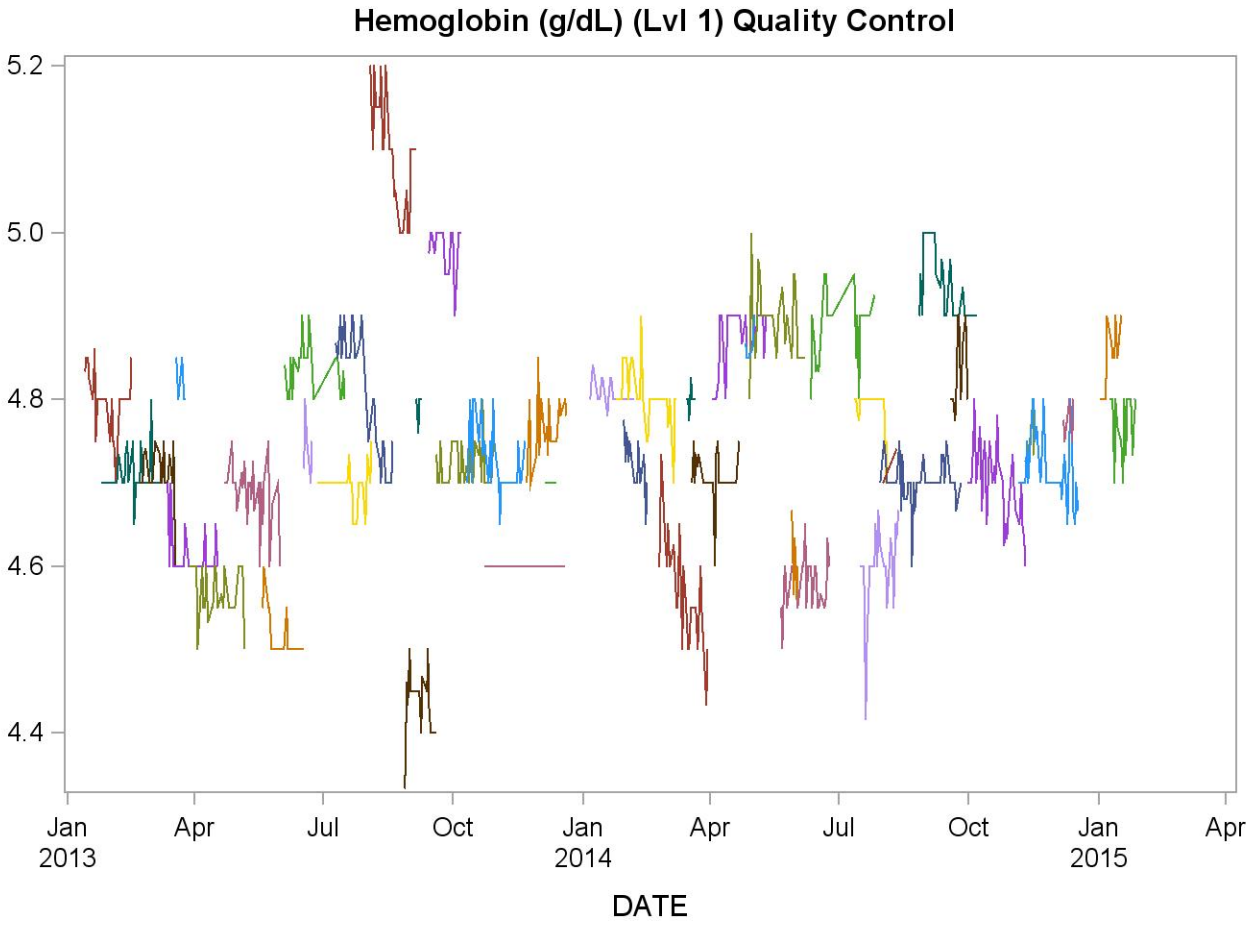
Summary Statistics for Hematocrit (%) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	48.3750	1.1147	2.3
142970950_13	62	13JAN13	15FEB13	48.5597	0.5681	1.2
142976150_13	58	25JAN13	07MAR13	48.7621	0.6879	1.4
142984150_13	58	21FEB13	18MAR13	47.1586	0.9526	2.0
142994710_13	58	13MAR13	17APR13	47.3983	0.6528	1.4
142999700_13	13	19MAR13	26MAR13	47.9692	0.3966	0.8
142996530_13	55	28MAR13	06MAY13	48.0109	0.5747	1.2
143008020_13	96	22APR13	31MAY13	48.7469	0.6289	1.3
143014410_13	50	19MAY13	17JUN13	46.9380	0.4973	1.1
143024780_13	48	04JUN13	16JUL13	48.6000	0.7319	1.5
143029580_13	21	17JUN13	23JUN13	47.2857	0.3381	0.7
143030800_13	32	27JUN13	04AUG13	49.9500	0.5617	1.1
143037030_13	62	10JUL13	19AUG13	47.6290	0.6297	1.3
143048150_13	65	03AUG13	05SEP13	48.3231	0.8068	1.7
143059980_13	47	28AUG13	19SEP13	48.5404	0.5617	1.2
143061580_13	15	05SEP13	09SEP13	48.3000	0.4326	0.9
143065560_13	46	14SEP13	07OCT13	47.1457	0.5058	1.1
143068610_13	62	19SEP13	29OCT13	47.2871	0.6128	1.3
143074220_13	59	07OCT13	21NOV13	48.1085	0.7183	1.5
143081700_13	62	23OCT13	19DEC13	45.8661	0.5848	1.3
143088430_13	62	22NOV13	20DEC13	47.7387	0.4355	0.9
143091680_13	25	05DEC13	13DEC13	47.0600	0.4000	0.8
143108840_14	70	06JAN14	06FEB14	46.3379	0.5940	1.3
143112740_14	61	24JAN14	08MAR14	46.3230	0.4421	1.0
143115740_14	42	30JAN14	15FEB14	45.6190	0.4473	1.0
143121380_14	57	23FEB14	30MAR14	46.8000	0.3168	0.7
143134200_14	20	15MAR14	22MAR14	46.2200	0.4188	0.9
143137160_14	53	19MAR14	21APR14	46.4774	0.3555	0.8
143141700_14	74	02APR14	11MAY14	45.8243	0.3785	0.8
143147750_14	22	26APR14	02MAY14	46.3455	0.3447	0.7
143146400_14	59	30APR14	07JUN14	46.3525	0.5485	1.2
143153690_14	58	21MAY14	24JUN14	46.0293	0.5977	1.3
143156170_14	24	29MAY14	02JUN14	46.1083	0.4471	1.0
143163240_14	62	11JUN14	26JUL14	46.9887	0.6275	1.3
143190050_14	34	12JUL14	04AUG14	45.7471	0.4244	0.9
143190030_14	54	16JUL14	12AUG14	45.5519	1.5409	3.4
143190080_14	98	30JUL14	25SEP14	47.8347	0.6986	1.5
143190100_14	8	01AUG14	11AUG14	45.6000	0.3024	0.7
143190110_14	65	27AUG14	07OCT14	47.4031	0.8112	1.7
143190130_14	40	18SEP14	30SEP14	47.2325	0.3583	0.8
143190160_14	99	30SEP14	10NOV14	48.1778	0.5649	1.2
143190230_14	85	05NOV14	17DEC14	46.7071	0.4495	1.0
143190210_14	20	10NOV14	16NOV14	46.6200	0.3503	0.8
143190260_14	21	07DEC14	14DEC14	47.4571	0.3385	0.7
143190290_15	17	02JAN15	17JAN15	47.8529	0.4403	0.9
143190340_15	56	09JAN15	27JAN15	46.9518	0.5756	1.2
143190390_15	6	26JAN15	27JAN15	47.3667	0.3615	0.8


Hematocrit (%) (Lvl 3) Quality Control
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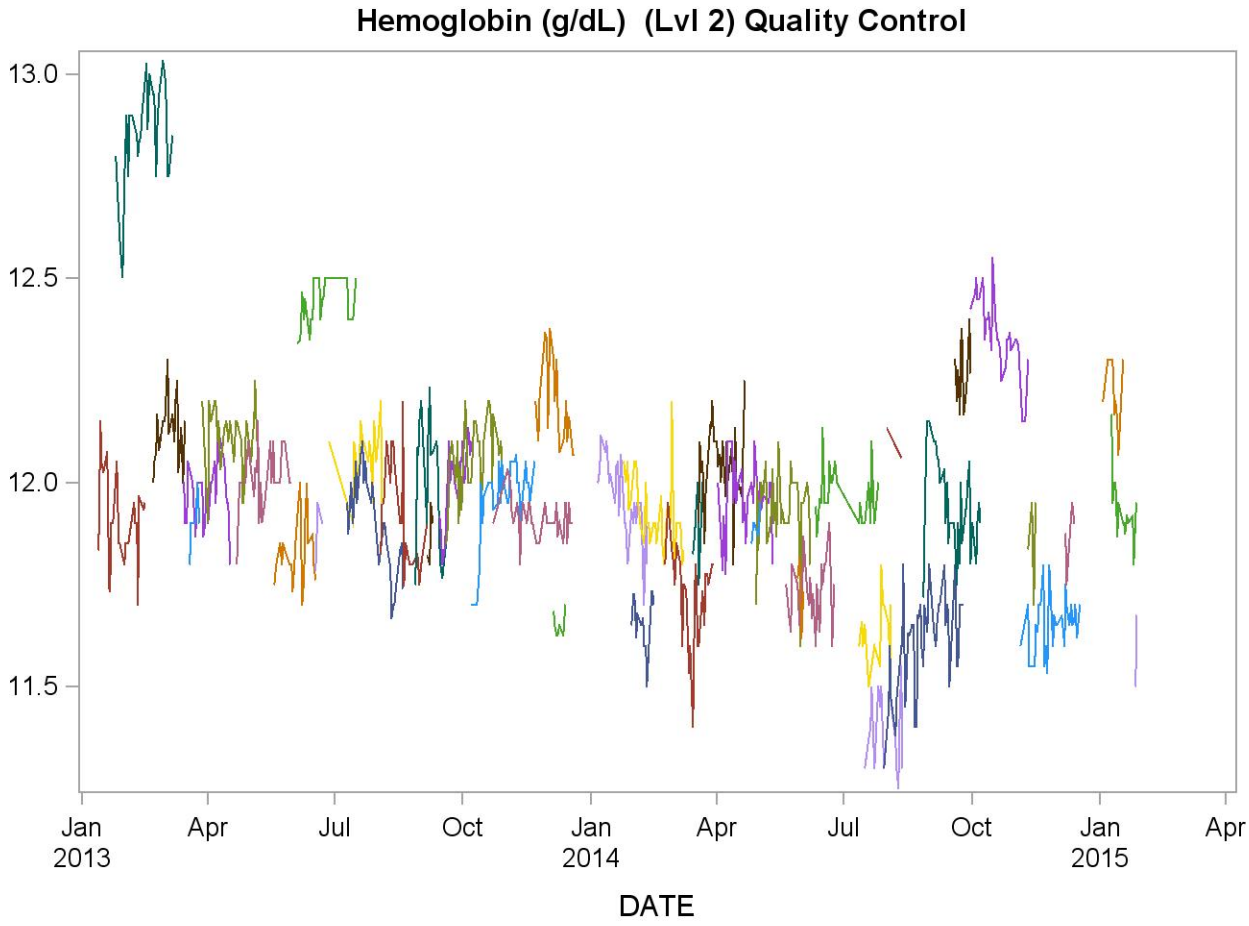
Summary Statistics for Hemoglobin (g/dL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	4.7667	0.0577	1.2
122970930_13	64	13JAN13	15FEB13	4.8063	0.0664	1.4
122976130_13	57	25JAN13	07MAR13	4.7088	0.0342	0.7
122984130_13	53	21FEB13	18MAR13	4.7170	0.0427	0.9
122994690_13	57	13MAR13	17APR13	4.6105	0.0310	0.7
122999670_13	12	19MAR13	26MAR13	4.8167	0.0389	0.8
122996510_13	53	28MAR13	06MAY13	4.5679	0.0471	1.0
123008000_13	79	22APR13	31MAY13	4.6905	0.0605	1.3
123014390_13	51	19MAY13	17JUN13	4.5098	0.0300	0.7
123024760_13	45	04JUN13	16JUL13	4.8422	0.0499	1.0
123029560_13	20	17JUN13	23JUN13	4.7300	0.0470	1.0
123030780_13	32	27JUN13	04AUG13	4.7000	0.0508	1.1
123037010_13	57	10JUL13	19AUG13	4.8123	0.0847	1.8
123048130_13	65	03AUG13	05SEP13	5.0954	0.0779	1.5
123059960_13	44	28AUG13	19SEP13	4.4341	0.0608	1.4
123059270_13	14	05SEP13	09SEP13	4.7857	0.0363	0.8
123065540_13	46	14SEP13	07OCT13	4.9870	0.0400	0.8
123068590_13	70	19SEP13	29OCT13	4.7214	0.0447	0.9
123074200_13	57	11OCT13	21NOV13	4.7316	0.0506	1.1
123081680_13	61	23OCT13	19DEC13	4.6000	0.0000	0.0
123088410_13	47	22NOV13	20DEC13	4.7681	0.0594	1.2
123091660_13	22	05DEC13	13DEC13	4.7000	0.0000	0.0
123108820_14	73	06JAN14	06FEB14	4.8082	0.0433	0.9
123112720_14	65	24JAN14	08MAR14	4.8015	0.0414	0.9
123115720_14	41	30JAN14	15FEB14	4.7268	0.0501	1.1
123121360_14	57	23FEB14	30MAR14	4.5719	0.0840	1.8
123134180_14	21	15MAR14	22MAR14	4.8000	0.0775	1.6
123137140_14	63	19MAR14	21APR14	4.7095	0.0346	0.7
123141680_14	75	02APR14	11MAY14	4.8613	0.0517	1.1
123147730_14	23	26APR14	02MAY14	4.8609	0.0499	1.0
123146380_14	65	29APR14	07JUN14	4.8954	0.0738	1.5
123153670_14	59	21MAY14	24JUN14	4.5831	0.0497	1.1
123156150_14	23	29MAY14	02JUN14	4.6000	0.0603	1.3
123163220_14	63	11JUN14	26JUL14	4.8810	0.0618	1.3
123170050_14	32	12JUL14	04AUG14	4.7875	0.0336	0.7
123170030_14	57	16JUL14	12AUG14	4.5895	0.0976	2.1
123170080_14	114	30JUL14	25SEP14	4.7035	0.0419	0.9
123170100_14	8	01AUG14	11AUG14	4.7250	0.0463	1.0
123170110_14	64	27AUG14	07OCT14	4.9328	0.0473	1.0
123170130_14	39	18SEP14	30SEP14	4.8333	0.0577	1.2
123170160_14	108	30SEP14	10NOV14	4.7019	0.0749	1.6
123170230_14	90	05NOV14	17DEC14	4.7183	0.0697	1.5
123170210_14	22	10NOV14	16NOV14	4.7409	0.0590	1.2
123170260_14	20	07DEC14	14DEC14	4.7750	0.0444	0.9
123170290_15	17	02JAN15	17JAN15	4.8588	0.0507	1.0
123170340_15	57	09JAN15	27JAN15	4.7667	0.0577	1.2
123170390_15	6	26JAN15	27JAN15	4.8000	0.0000	0.0


Hemoglobin (g/dL) (Lvl 1) Quality Control
5.2
5.0
4.8
4.6
4.4
Jan
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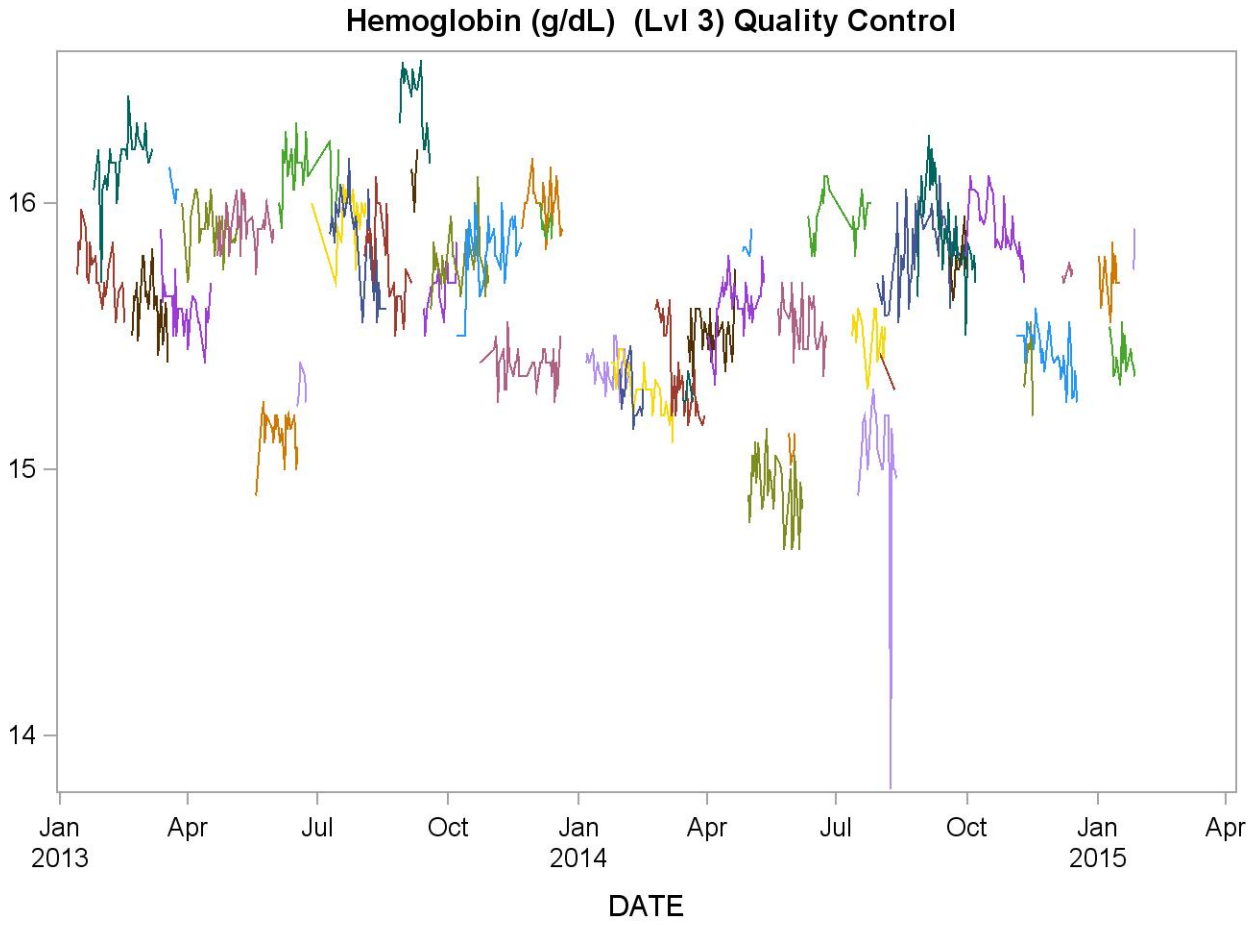
Summary Statistics for Hemoglobin (g/dL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	12.3000	0.1581	1.3
132970940_13	65	13JAN13	15FEB13	11.9138	0.1767	1.5
132976140_13	61	25JAN13	07MAR13	12.8754	0.1287	1.0
132984140_13	56	21FEB13	16MAR13	12.1143	0.1327	1.1
132994700_13	60	14MAR13	17APR13	11.9667	0.0986	0.8
132999690_13	12	19MAR13	26MAR13	11.9083	0.0793	0.7
132996520_13	60	28MAR13	06MAY13	12.1150	0.0899	0.7
133008010_13	80	22APR13	31MAY13	12.0081	0.1157	1.0
133014400_13	56	19MAY13	17JUN13	11.8143	0.1242	1.1
133024770_13	45	04JUN13	16JUL13	12.4267	0.0809	0.7
133029570_13	21	17JUN13	23JUN13	11.8286	0.1146	1.0
133030790_13	33	27JUN13	04AUG13	12.0697	0.0918	0.8
133037020_13	71	10JUL13	19AUG13	11.8690	0.1489	1.3
133048140_13	69	03AUG13	05SEP13	11.8761	0.1501	1.3
133059970_13	49	28AUG13	19SEP13	12.0020	0.1854	1.5
133061570_13	20	05SEP13	09SEP13	11.8350	0.1268	1.1
133065550_13	50	14SEP13	07OCT13	11.9780	0.1298	1.1
133068600_13	74	19SEP13	29OCT13	12.0473	0.1347	1.1
133074210_13	62	07OCT13	21NOV13	11.9823	0.1017	0.8
133081690_13	63	23OCT13	19DEC13	11.9111	0.0698	0.6
133088420_13	49	22NOV13	20DEC13	12.1959	0.1554	1.3
133091670_13	27	05DEC13	13DEC13	11.6519	0.0753	0.6
133108830_14	84	06JAN14	10FEB14	11.9893	0.1448	1.2
133112730_14	66	24JAN14	08MAR14	11.9197	0.0996	0.8
133115730_14	45	30JAN14	15FEB14	11.6689	0.1062	0.9
133121370_14	60	23FEB14	30MAR14	11.7350	0.1527	1.3
133134190_14	23	15MAR14	22MAR14	11.8870	0.1866	1.6
133137150_14	66	19MAR14	21APR14	12.0515	0.1268	1.1
133141690_14	79	02APR14	11MAY14	11.9266	0.1430	1.2
133147740_14	24	26APR14	02MAY14	11.8833	0.0868	0.7
133146390_14	64	29APR14	07JUN14	11.9219	0.1386	1.2
133153680_14	67	21MAY14	24JUN14	11.7194	0.1459	1.2
133156160_14	24	29MAY14	02JUN14	11.7292	0.1756	1.5
133163230_14	70	11JUN14	26JUL14	11.9686	0.1269	1.1
133180050_14	32	12JUL14	04AUG14	11.6281	0.0958	0.8
133180030_14	57	16JUL14	12AUG14	11.3947	0.1444	1.3
133180080_14	108	30JUL14	25SEP14	11.5991	0.1580	1.4
133180100_14	8	01AUG14	11AUG14	12.0875	0.1356	1.1
133180110_14	63	27AUG14	07OCT14	11.9429	0.1532	1.3
133180130_14	42	18SEP14	30SEP14	12.2786	0.1116	0.9
133180160_14	104	30SEP14	10NOV14	12.3548	0.1895	1.5
133180230_14	87	05NOV14	17DEC14	11.6506	0.0951	0.8
133180210_14	19	10NOV14	16NOV14	11.8474	0.1349	1.1
133180260_14	20	07DEC14	14DEC14	11.8950	0.1099	0.9
133180290_15	23	02JAN15	17JAN15	12.2174	0.1435	1.2
133180340_15	56	09JAN15	27JAN15	11.9268	0.1213	1.0
133180390_15	6	26JAN15	27JAN15	11.6167	0.0983	0.8


Hemoglobin (g/dL) (Lvl 2) Quality Control
13.0
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12.0
11.5
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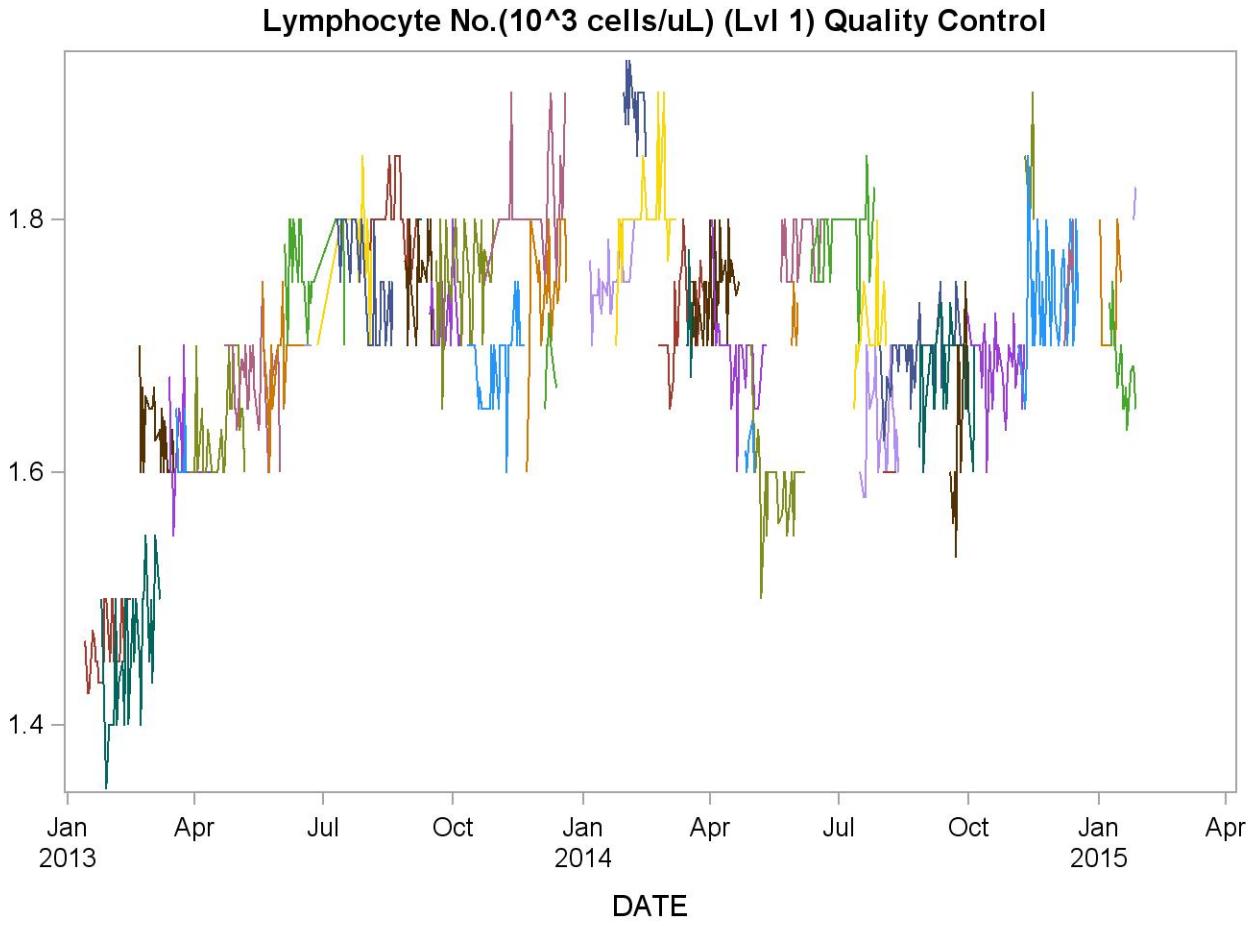
Summary Statistics for Hemoglobin (g/dL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	16.2000	0.8042	5.0
142970950_13	63	13JAN13	15FEB13	15.7492	0.1865	1.2
142976150_13	58	25JAN13	07MAR13	16.1741	0.1433	0.9
142984150_13	58	21FEB13	18MAR13	15.6034	0.1486	1.0
142994710_13	58	13MAR13	17APR13	15.5966	0.1324	0.8
142999700_13	13	19MAR13	26MAR13	16.0692	0.1032	0.6
142996530_13	55	28MAR13	06MAY13	15.9091	0.1159	0.7
143008020_13	95	22APR13	31MAY13	15.9326	0.1348	0.8
143014410_13	49	19MAY13	17JUN13	15.1224	0.1327	0.9
143024780_13	48	04JUN13	16JUL13	16.1229	0.1627	1.0
143029580_13	21	17JUN13	23JUN13	15.2714	0.1102	0.7
143030800_13	32	27JUN13	04AUG13	15.9656	0.1359	0.9
143037030_13	64	10JUL13	19AUG13	15.8328	0.2268	1.4
143048150_13	65	03AUG13	05SEP13	15.7600	0.1877	1.2
143059980_13	47	28AUG13	19SEP13	16.3787	0.2032	1.2
143061580_13	15	05SEP13	09SEP13	16.0800	0.1568	1.0
143065560_13	46	14SEP13	07OCT13	15.6696	0.1245	0.8
143068610_13	61	19SEP13	29OCT13	15.7738	0.1277	0.8
143074220_13	59	07OCT13	21NOV13	15.8305	0.1429	0.9
143081700_13	62	23OCT13	19DEC13	15.3887	0.0960	0.6
143088430_13	62	22NOV13	20DEC13	15.9871	0.1312	0.8
143091680_13	25	05DEC13	13DEC13	15.9200	0.1000	0.6
143108840_14	71	06JAN14	06FEB14	15.3775	0.1173	0.8
143112740_14	61	24JAN14	08MAR14	15.3016	0.1041	0.7
143115740_14	42	30JAN14	15FEB14	15.2976	0.1585	1.0
143121380_14	56	23FEB14	30MAR14	15.3518	0.1935	1.3
143134200_14	20	15MAR14	22MAR14	15.2850	0.0933	0.6
143137160_14	52	19MAR14	21APR14	15.5058	0.1227	0.8
143141700_14	74	02APR14	11MAY14	15.5365	0.1795	1.2
143147750_14	22	26APR14	02MAY14	15.8273	0.0985	0.6
143146400_14	59	30APR14	07JUN14	14.9254	0.1748	1.2
143153690_14	58	21MAY14	24JUN14	15.5483	0.1570	1.0
143156170_14	24	29MAY14	02JUN14	15.0625	0.1663	1.1
143163240_14	62	11JUN14	26JUL14	15.9371	0.1571	1.0
143190050_14	34	12JUL14	04AUG14	15.5265	0.0994	0.6
143190030_14	54	16JUL14	12AUG14	14.9815	0.5285	3.5
143190080_14	97	30JUL14	25SEP14	15.7959	0.1854	1.2
143190100_14	8	01AUG14	11AUG14	15.3500	0.1195	0.8
143190110_14	65	27AUG14	07OCT14	15.8846	0.1848	1.2
143190130_14	39	18SEP14	30SEP14	15.7641	0.1386	0.9
143190160_14	99	30SEP14	10NOV14	15.9293	0.1618	1.0
143190230_14	85	05NOV14	17DEC14	15.4176	0.1497	1.0
143190210_14	20	10NOV14	16NOV14	15.3600	0.1789	1.2
143190260_14	21	07DEC14	14DEC14	15.7429	0.1248	0.8
143190290_15	16	02JAN15	17JAN15	15.7188	0.1276	0.8
143190340_15	56	09JAN15	27JAN15	15.4188	0.1260	0.8
143190390_15	6	26JAN15	27JAN15	15.8500	0.1049	0.7


Hemoglobin (g/dL) (Lvl 3) Quality Control
16
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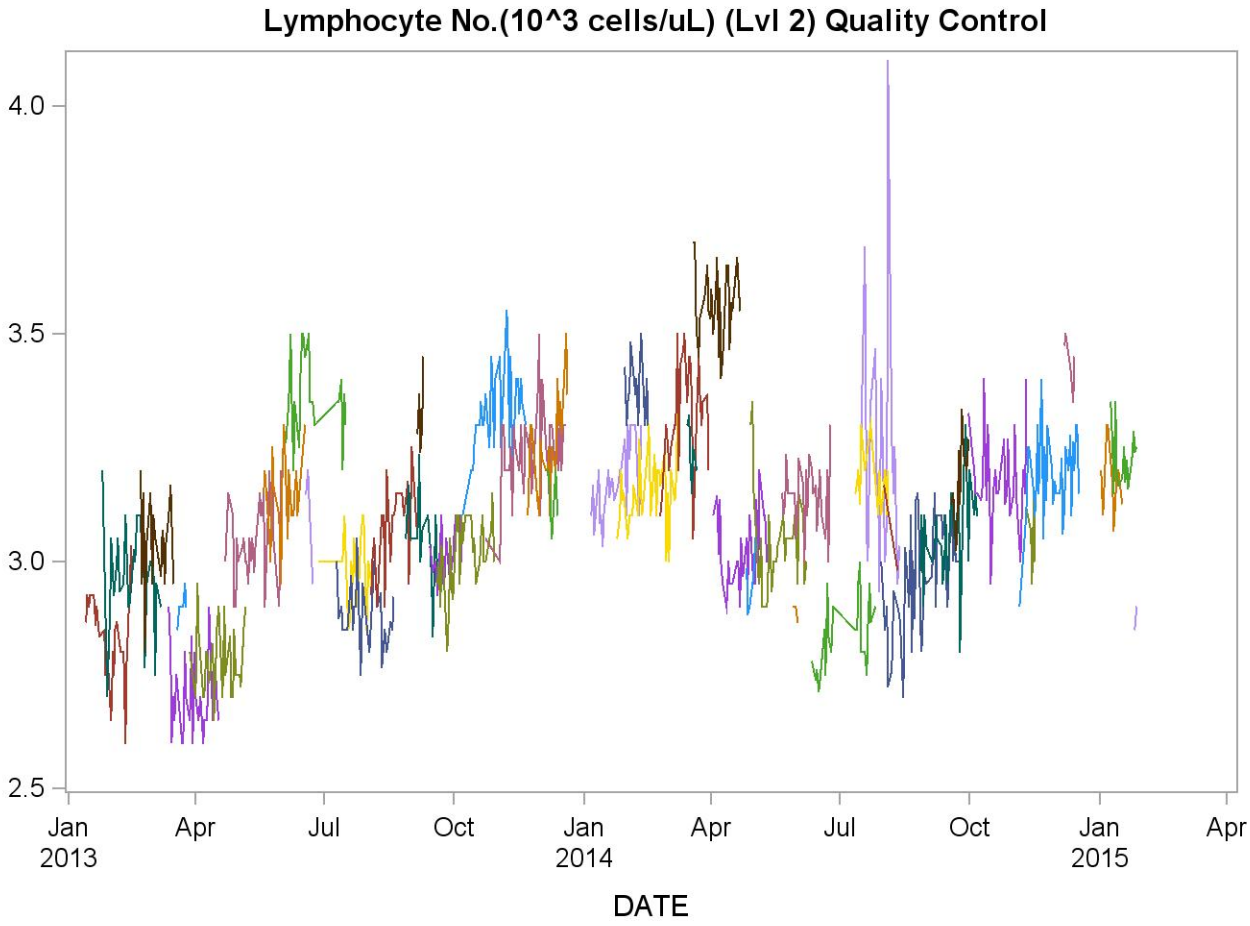
Summary Statistics for Lymphocyte No.(10^3 cells/uL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	1.6667	0.0577	3.5
122970930_13	65	13JAN13	15FEB13	1.4646	0.0482	3.3
122976130_13	55	25JAN13	07MAR13	1.4582	0.0599	4.1
122984130_13	52	21FEB13	18MAR13	1.6327	0.0474	2.9
122994690_13	54	14MAR13	17APR13	1.6111	0.0372	2.3
122999670_13	12	19MAR13	26MAR13	1.6167	0.0389	2.4
122996510_13	53	28MAR13	06MAY13	1.6321	0.0471	2.9
123008000_13	79	22APR13	31MAY13	1.6772	0.0479	2.9
123014390_13	52	19MAY13	17JUN13	1.6942	0.0416	2.5
123024760_13	44	04JUN13	16JUL13	1.7682	0.0471	2.7
123029560_13	20	17JUN13	23JUN13	1.7000	0.0000	0.0
123030780_13	33	27JUN13	04AUG13	1.7879	0.0415	2.3
123037010_13	56	10JUL13	19AUG13	1.7625	0.0489	2.8
123048130_13	65	03AUG13	05SEP13	1.7985	0.0375	2.1
123059960_13	44	28AUG13	19SEP13	1.7523	0.0505	2.9
123059270_13	13	05SEP13	09SEP13	1.8000	0.0000	0.0
123065540_13	46	14SEP13	07OCT13	1.7261	0.0444	2.6
123068590_13	70	19SEP13	29OCT13	1.7543	0.0557	3.2
123074200_13	56	11OCT13	21NOV13	1.6839	0.0458	2.7
123081680_13	64	23OCT13	19DEC13	1.8078	0.0410	2.3
123088410_13	46	22NOV13	20DEC13	1.7543	0.0622	3.5
123091660_13	24	05DEC13	13DEC13	1.6875	0.0448	2.7
123108820_14	73	06JAN14	06FEB14	1.7479	0.0580	3.3
123112720_14	63	24JAN14	08MAR14	1.8016	0.0458	2.5
123115720_14	40	30JAN14	15FEB14	1.8900	0.0441	2.3
123121360_14	57	23FEB14	30MAR14	1.7246	0.0510	3.0
123134180_14	20	15MAR14	22MAR14	1.7150	0.0587	3.4
123137140_14	64	19MAR14	21APR14	1.7359	0.0484	2.8
123141680_14	74	02APR14	11MAY14	1.6959	0.0386	2.3
123147730_14	23	26APR14	02MAY14	1.6174	0.0388	2.4
123146380_14	67	29APR14	07JUN14	1.5985	0.0476	3.0
123153670_14	58	21MAY14	24JUN14	1.7828	0.0381	2.1
123156150_14	24	29MAY14	02JUN14	1.7208	0.0509	3.0
123163220_14	62	11JUN14	26JUL14	1.7839	0.0518	2.9
123170050_14	32	12JUL14	04AUG14	1.7031	0.0400	2.4
123170030_14	56	16JUL14	12AUG14	1.6304	0.0601	3.7
123170080_14	110	30JUL14	25SEP14	1.6891	0.0414	2.5
123170100_14	8	01AUG14	11AUG14	1.6000	0.0000	0.0
123170110_14	64	27AUG14	07OCT14	1.6828	0.0490	2.9
123170130_14	40	18SEP14	30SEP14	1.6275	0.0716	4.4
123170160_14	108	30SEP14	10NOV14	1.6852	0.0450	2.7
123170230_14	89	05NOV14	17DEC14	1.7433	0.0560	3.2
123170210_14	21	10NOV14	16NOV14	1.8429	0.0507	2.8
123170260_14	20	07DEC14	14DEC14	1.7500	0.0513	2.9
123170290_15	17	02JAN15	17JAN15	1.7294	0.0470	2.7
123170340_15	57	09JAN15	27JAN15	1.6807	0.0611	3.6
123170390_15	6	26JAN15	27JAN15	1.8167	0.0408	2.2


Lymphocyte No.(10^3 cells/uL) (Lvl 1) Quality Control
1.8
1.6
1.4
Jan
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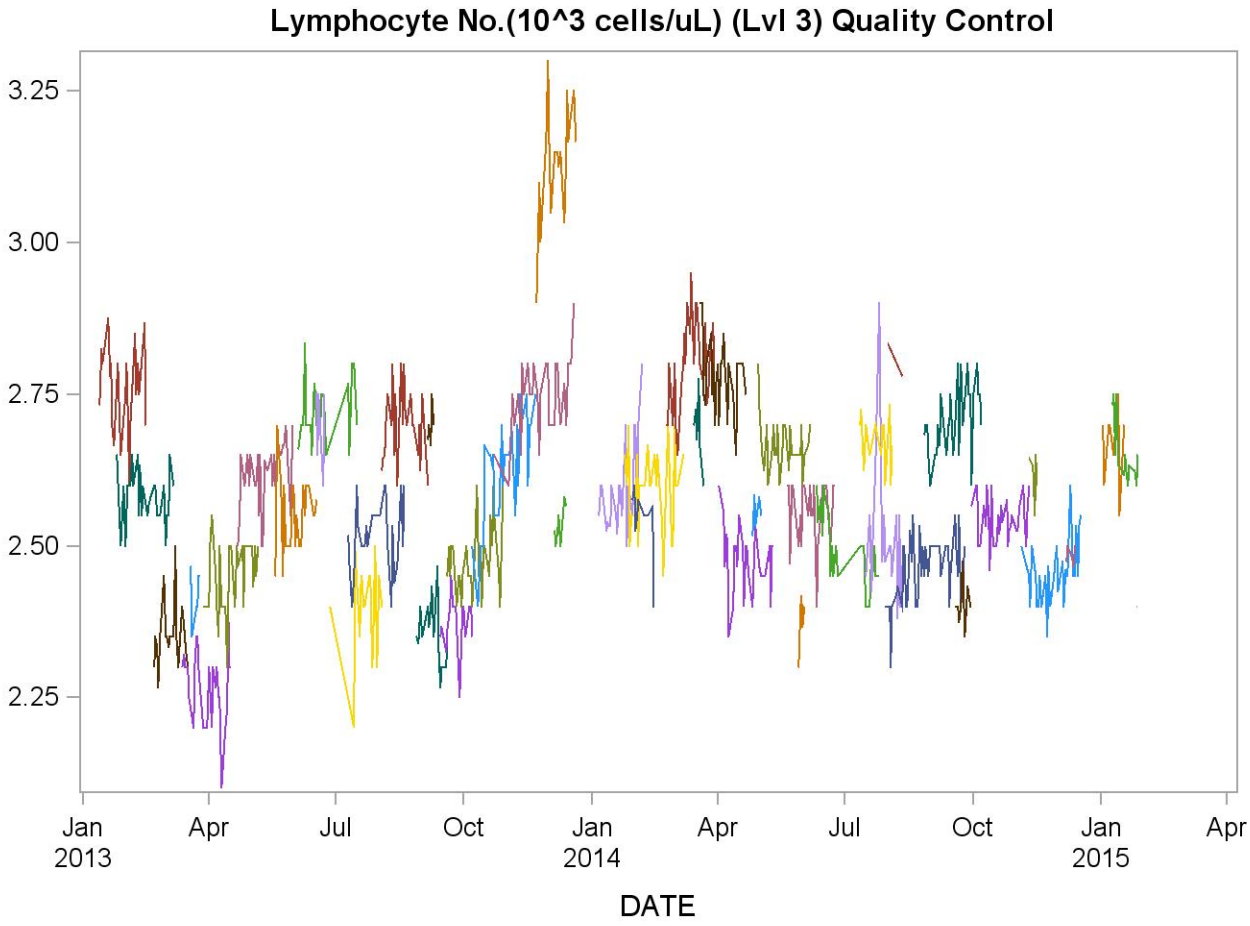
Summary Statistics for Lymphocyte No.(10^3 cells/uL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	3.1800	0.1304	4.1
132970940_13	65	13JAN13	15FEB13	2.8508	0.1572	5.5
132976140_13	61	25JAN13	07MAR13	2.9705	0.1358	4.6
132984140_13	56	21FEB13	16MAR13	3.0393	0.1485	4.9
132994700_13	60	13MAR13	17APR13	2.6967	0.1164	4.3
132999690_13	12	19MAR13	26MAR13	2.9000	0.1128	3.9
132996520_13	60	28MAR13	06MAY13	2.7850	0.1219	4.4
133008010_13	80	22APR13	31MAY13	3.0413	0.1155	3.8
133014400_13	56	19MAY13	17JUN13	3.1839	0.1290	4.1
133024770_13	45	04JUN13	16JUL13	3.3556	0.1235	3.7
133029570_13	21	17JUN13	23JUN13	3.1190	0.1327	4.3
133030790_13	33	27JUN13	04AUG13	2.9697	0.1132	3.8
133037020_13	71	10JUL13	19AUG13	2.8930	0.1377	4.8
133048140_13	69	03AUG13	05SEP13	3.0703	0.1324	4.3
133059970_13	48	28AUG13	19SEP13	3.0625	0.1362	4.4
133061570_13	20	05SEP13	09SEP13	3.3150	0.1565	4.7
133065550_13	49	14SEP13	07OCT13	3.0102	0.1026	3.4
133068600_13	72	19SEP13	29OCT13	3.0181	0.1066	3.5
133074210_13	61	07OCT13	21NOV13	3.3410	0.1309	3.9
133081690_13	62	23OCT13	19DEC13	3.2371	0.1191	3.7
133088420_13	48	22NOV13	20DEC13	3.2542	0.1429	4.4
133091670_13	27	05DEC13	13DEC13	3.1556	0.1155	3.7
133108830_14	84	06JAN14	10FEB14	3.1524	0.1312	4.2
133112730_14	66	24JAN14	08MAR14	3.1606	0.1149	3.6
133115730_14	45	30JAN14	15FEB14	3.3778	0.1064	3.1
133121370_14	60	23FEB14	30MAR14	3.3233	0.1454	4.4
133134190_14	23	15MAR14	22MAR14	3.2478	0.1473	4.5
133137150_14	67	19MAR14	21APR14	3.5612	0.1576	4.4
133141690_14	79	02APR14	11MAY14	3.0418	0.1267	4.2
133147740_14	24	26APR14	02MAY14	2.9458	0.1021	3.5
133146390_14	64	29APR14	07JUN14	3.0438	0.1332	4.4
133153680_14	68	21MAY14	24JUN14	3.1471	0.1287	4.1
133156160_14	24	29MAY14	02JUN14	2.8875	0.0992	3.4
133163230_14	73	11JUN14	26JUL14	2.8000	0.1155	4.1
133180050_14	32	12JUL14	04AUG14	3.1813	0.0965	3.0
133180030_14	55	16JUL14	12AUG14	3.3036	0.5037	15.2
133180080_14	107	30JUL14	25SEP14	2.9486	0.1574	5.3
133180100_14	8	01AUG14	11AUG14	3.0500	0.1512	5.0
133180110_14	64	27AUG14	07OCT14	3.0641	0.1239	4.0
133180130_14	42	18SEP14	30SEP14	3.1667	0.1319	4.2
133180160_14	103	30SEP14	10NOV14	3.1835	0.1535	4.8
133180230_14	86	05NOV14	17DEC14	3.1837	0.1136	3.6
133180210_14	20	10NOV14	16NOV14	3.0850	0.1040	3.4
133180260_14	20	07DEC14	14DEC14	3.4250	0.1070	3.1
133180290_15	23	02JAN15	17JAN15	3.1652	0.1071	3.4
133180340_15	56	09JAN15	27JAN15	3.2170	0.1050	3.3
133180390_15	6	26JAN15	27JAN15	2.8833	0.0753	2.6


Lymphocyte No.(10^3 cells/uL) (Lvl 2) Quality Control
4.0
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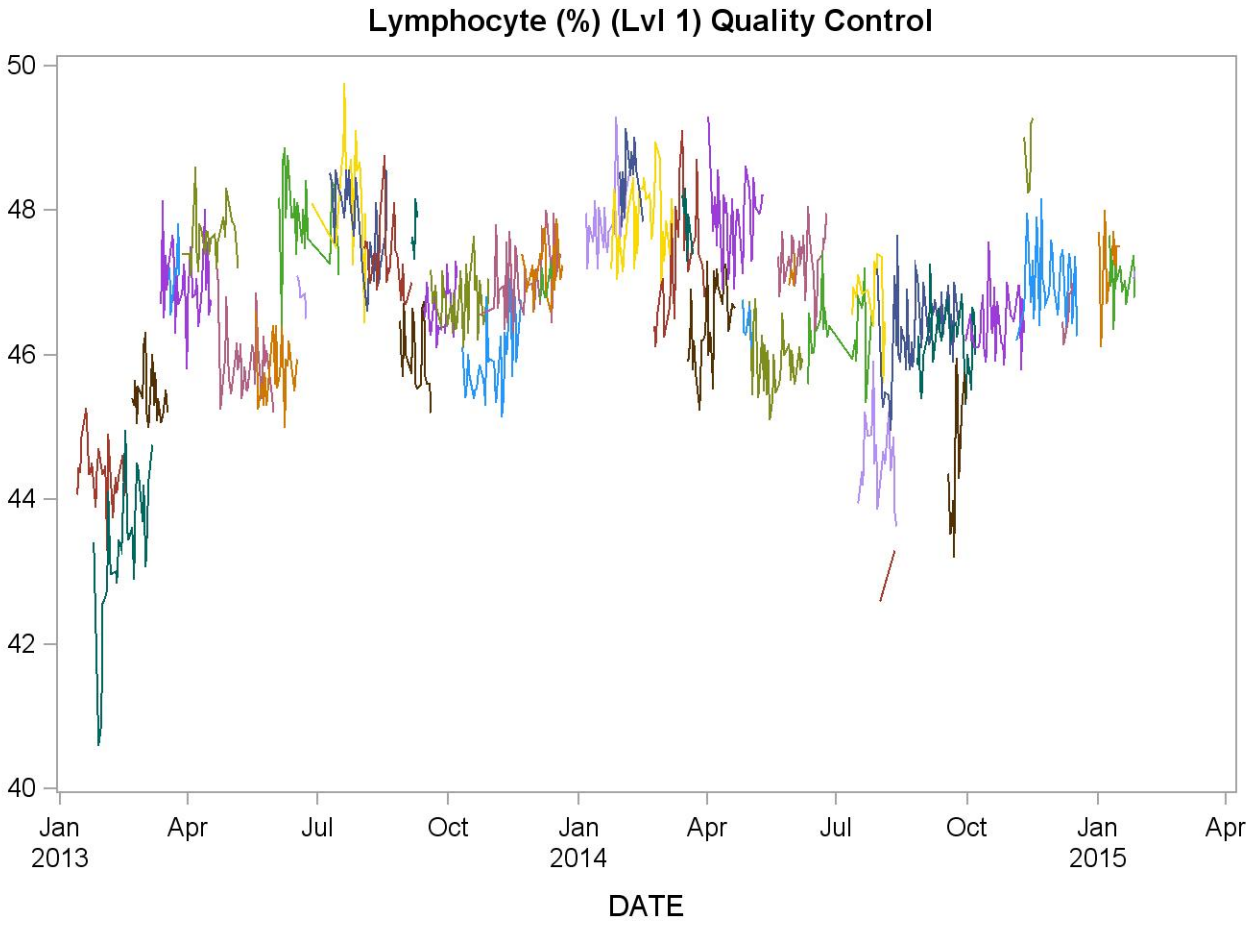
Summary Statistics for Lymphocyte No.(10^3 cells/uL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	2.8000	0.0000	0.0
142970950_13	63	13JAN13	15FEB13	2.7698	0.1116	4.0
142976150_13	58	25JAN13	07MAR13	2.5845	0.0644	2.5
142984150_13	58	21FEB13	18MAR13	2.3466	0.0706	3.0
142994710_13	57	13MAR13	17APR13	2.2737	0.0695	3.1
142999700_13	13	19MAR13	26MAR13	2.4231	0.0599	2.5
142996530_13	55	28MAR13	06MAY13	2.4509	0.0920	3.8
143008020_13	95	22APR13	31MAY13	2.6200	0.0723	2.8
143014410_13	50	19MAY13	17JUN13	2.5560	0.0861	3.4
143024780_13	48	04JUN13	16JUL13	2.7250	0.0786	2.9
143029580_13	21	17JUN13	23JUN13	2.7286	0.0845	3.1
143030800_13	32	27JUN13	04AUG13	2.4000	0.0803	3.3
143037030_13	63	10JUL13	19AUG13	2.5063	0.0840	3.4
143048150_13	65	03AUG13	05SEP13	2.6923	0.0835	3.1
143059980_13	47	28AUG13	19SEP13	2.3553	0.0928	3.9
143061580_13	15	05SEP13	09SEP13	2.6933	0.0799	3.0
143065560_13	45	14SEP13	07OCT13	2.3667	0.0674	2.8
143068610_13	61	19SEP13	29OCT13	2.4803	0.0771	3.1
143074220_13	58	07OCT13	21NOV13	2.6397	0.0935	3.5
143081700_13	62	23OCT13	19DEC13	2.7419	0.0759	2.8
143088430_13	61	22NOV13	20DEC13	3.1639	0.1198	3.8
143091680_13	25	05DEC13	13DEC13	2.5400	0.0707	2.8
143108840_14	70	06JAN14	06FEB14	2.5800	0.0861	3.3
143112740_14	61	24JAN14	08MAR14	2.6033	0.0836	3.2
143115740_14	42	30JAN14	15FEB14	2.5452	0.0889	3.5
143121380_14	56	23FEB14	30MAR14	2.8000	0.0894	3.2
143134200_14	20	15MAR14	22MAR14	2.7000	0.0795	2.9
143137160_14	53	19MAR14	21APR14	2.7755	0.0853	3.1
143141700_14	73	02APR14	11MAY14	2.4890	0.0774	3.1
143147750_14	22	26APR14	02MAY14	2.5545	0.0858	3.4
143146400_14	59	30APR14	07JUN14	2.6661	0.0576	2.2
143153690_14	57	21MAY14	24JUN14	2.5509	0.0848	3.3
143156170_14	23	29MAY14	02JUN14	2.3870	0.0626	2.6
143163240_14	62	11JUN14	26JUL14	2.5177	0.0915	3.6
143190050_14	34	12JUL14	04AUG14	2.6735	0.0618	2.3
143190030_14	53	16JUL14	12AUG14	2.5113	0.1987	7.9
143190080_14	98	30JUL14	25SEP14	2.4551	0.0851	3.5
143190100_14	8	01AUG14	11AUG14	2.8000	0.1069	3.8
143190110_14	65	27AUG14	07OCT14	2.7062	0.0788	2.9
143190130_14	39	18SEP14	30SEP14	2.4128	0.0615	2.5
143190160_14	99	30SEP14	10NOV14	2.5374	0.0648	2.6
143190230_14	84	05NOV14	17DEC14	2.4607	0.0745	3.0
143190210_14	20	10NOV14	16NOV14	2.6300	0.0571	2.2
143190260_14	20	07DEC14	14DEC14	2.4850	0.0489	2.0
143190290_15	16	02JAN15	17JAN15	2.6750	0.0683	2.6
143190340_15	56	09JAN15	27JAN15	2.6402	0.0844	3.2
143190390_15	6	26JAN15	27JAN15	2.4000	0.0000	0.0


Lymphocyte No.(10^3 cells/uL) (Lvl 3) Quality Control
3.25
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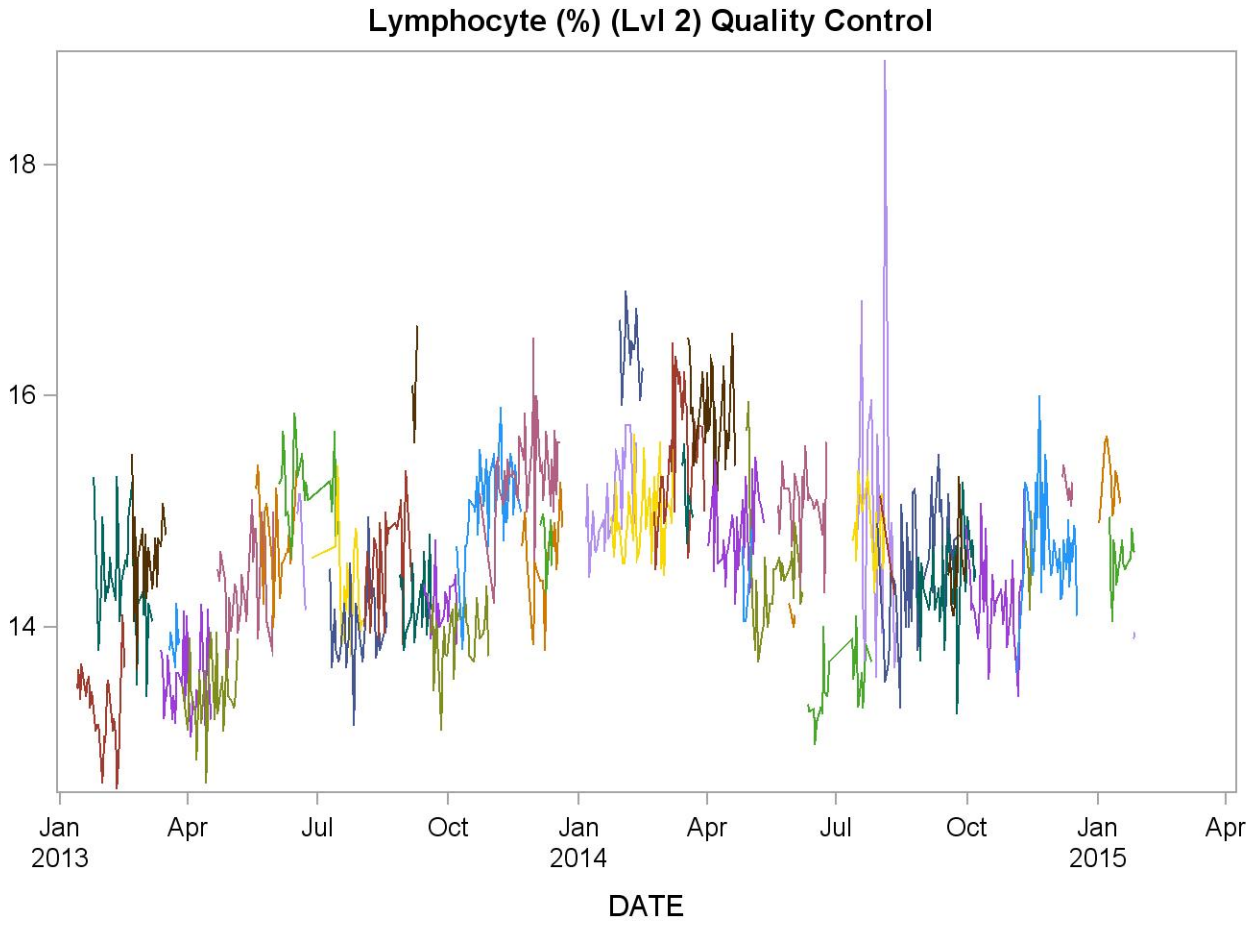
Summary Statistics for Lymphocyte (%) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	46.0667	0.8083	1.8
122970930_13	65	13JAN13	15FEB13	44.4431	0.9269	2.1
122976130_13	56	25JAN13	07MAR13	43.3625	1.0061	2.3
122984130_13	52	21FEB13	18MAR13	45.4308	0.5260	1.2
122994690_13	56	13MAR13	17APR13	47.0839	0.7606	1.6
122999670_13	12	19MAR13	26MAR13	47.1583	0.6459	1.4
122996510_13	53	28MAR13	06MAY13	47.6434	0.5093	1.1
123008000_13	80	22APR13	31MAY13	45.9056	0.6341	1.4
123014390_13	53	19MAY13	17JUN13	45.8453	0.5391	1.2
123024760_13	48	04JUN13	16JUL13	47.8875	0.7242	1.5
123029560_13	21	17JUN13	23JUN13	46.9762	0.5449	1.2
123030780_13	33	27JUN13	04AUG13	48.2970	1.0107	2.1
123037010_13	58	10JUL13	19AUG13	47.9000	0.6976	1.5
123048130_13	65	03AUG13	05SEP13	47.3415	0.6327	1.3
123059960_13	46	28AUG13	19SEP13	46.0217	0.7020	1.5
123059270_13	14	05SEP13	09SEP13	47.6357	0.7218	1.5
123065540_13	48	14SEP13	07OCT13	46.6250	0.5920	1.3
123068590_13	70	19SEP13	29OCT13	46.7886	0.6175	1.3
123074200_13	56	11OCT13	21NOV13	45.8982	0.5820	1.3
123081680_13	64	23OCT13	19DEC13	47.0938	0.6002	1.3
123088410_13	46	22NOV13	20DEC13	47.2565	0.6224	1.3
123091660_13	24	05DEC13	13DEC13	46.9542	0.6692	1.4
123108820_14	73	06JAN14	06FEB14	47.7753	0.7314	1.5
123112720_14	63	24JAN14	08MAR14	47.8540	0.8238	1.7
123115720_14	40	30JAN14	15FEB14	48.3925	0.6553	1.4
123121360_14	57	23FEB14	30MAR14	47.3614	0.9108	1.9
123134180_14	20	15MAR14	22MAR14	47.8700	0.7726	1.6
123137140_14	64	19MAR14	21APR14	46.3938	0.7570	1.6
123141680_14	74	02APR14	11MAY14	47.9527	0.7108	1.5
123147730_14	23	26APR14	02MAY14	46.4826	0.5670	1.2
123146380_14	66	30APR14	07JUN14	45.9636	0.7013	1.5
123153670_14	59	21MAY14	24JUN14	47.3390	0.5863	1.2
123156150_14	24	29MAY14	02JUN14	47.1125	0.6334	1.3
123163220_14	62	11JUN14	26JUL14	46.3113	0.6775	1.5
123170050_14	32	12JUL14	04AUG14	46.8281	0.5964	1.3
123170030_14	57	16JUL14	12AUG14	44.5175	0.9670	2.2
123170080_14	113	30JUL14	25SEP14	46.2168	0.9062	2.0
123170100_14	8	01AUG14	11AUG14	43.0250	0.6042	1.4
123170110_14	65	27AUG14	07OCT14	46.2631	0.6358	1.4
123170130_14	40	18SEP14	30SEP14	44.6125	1.1016	2.5
123170160_14	109	30SEP14	10NOV14	46.4009	0.6366	1.4
123170230_14	89	05NOV14	17DEC14	47.0921	0.6811	1.4
123170210_14	22	10NOV14	16NOV14	48.8955	0.5411	1.1
123170260_14	20	07DEC14	14DEC14	46.6450	0.4968	1.1
123170290_15	17	02JAN15	17JAN15	47.3235	0.5298	1.1
123170340_15	56	09JAN15	27JAN15	47.0848	0.6096	1.3
123170390_15	6	26JAN15	27JAN15	47.1167	0.7731	1.6


Lymphocyte (%) (Lvl 1) Quality Control
50
48
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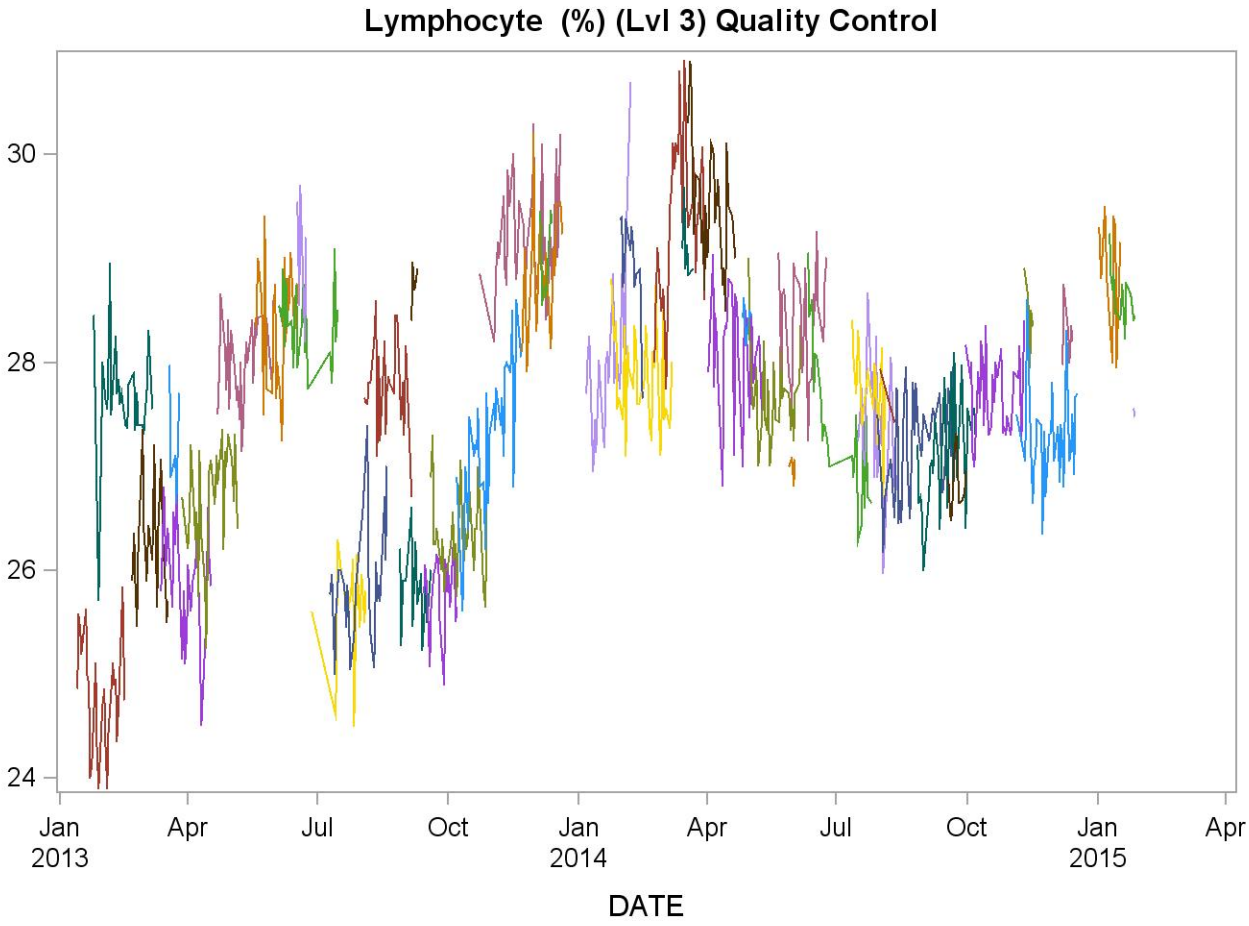
Summary Statistics for Lymphocyte (%) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	15.1200	0.3421	2.3
132970940_13	65	13JAN13	15FEB13	13.3508	0.6260	4.7
132976140_13	65	25JAN13	07MAR13	14.3769	0.6194	4.3
132984140_13	57	21FEB13	16MAR13	14.6158	0.6630	4.5
132994700_13	61	13MAR13	17APR13	13.5115	0.4740	3.5
132999690_13	12	19MAR13	26MAR13	13.8917	0.4166	3.0
132996520_13	61	28MAR13	06MAY13	13.4361	0.4936	3.7
133008010_13	80	22APR13	31MAY13	14.3063	0.4740	3.3
133014400_13	57	19MAY13	17JUN13	14.8912	0.5201	3.5
133024770_13	49	04JUN13	16JUL13	15.2510	0.5001	3.3
133029570_13	21	17JUN13	23JUN13	14.8619	0.6136	4.1
133030790_13	33	27JUN13	04AUG13	14.2697	0.5288	3.7
133037020_13	74	10JUL13	19AUG13	14.0405	0.6301	4.5
133048140_13	69	03AUG13	05SEP13	14.6080	0.5900	4.0
133059970_13	52	28AUG13	19SEP13	14.2462	0.5012	3.5
133061570_13	20	05SEP13	09SEP13	16.0100	0.6696	4.2
133065550_13	51	14SEP13	07OCT13	14.2118	0.4471	3.1
133068600_13	72	19SEP13	29OCT13	13.9486	0.4101	2.9
133074210_13	61	07OCT13	21NOV13	15.1344	0.4564	3.0
133081690_13	62	23OCT13	19DEC13	15.3177	0.4568	3.0
133088420_13	49	22NOV13	20DEC13	14.5224	0.5386	3.7
133091670_13	27	05DEC13	13DEC13	14.7704	0.3841	2.6
133108830_14	84	06JAN14	10FEB14	14.9571	0.5734	3.8
133112730_14	66	24JAN14	08MAR14	15.0000	0.5375	3.6
133115730_14	45	30JAN14	15FEB14	16.3600	0.4745	2.9
133121370_14	60	23FEB14	30MAR14	15.5517	0.6188	4.0
133134190_14	23	15MAR14	22MAR14	15.1870	0.6784	4.5
133137150_14	67	19MAR14	21APR14	15.8209	0.6956	4.4
133141690_14	79	02APR14	11MAY14	14.9266	0.5883	3.9
133147740_14	24	26APR14	02MAY14	14.3792	0.4872	3.4
133146390_14	65	29APR14	07JUN14	14.4523	0.5979	4.1
133153680_14	70	21MAY14	24JUN14	15.0957	0.5486	3.6
133156160_14	24	29MAY14	02JUN14	14.0917	0.4106	2.9
133163230_14	75	11JUN14	26JUL14	13.4027	0.4650	3.5
133180050_14	32	12JUL14	04AUG14	14.8375	0.4156	2.8
133180030_14	55	16JUL14	12AUG14	15.1964	2.2609	14.9
133180080_14	107	30JUL14	25SEP14	14.4346	0.6814	4.7
133180100_14	8	01AUG14	11AUG14	14.6000	0.7559	5.2
133180110_14	65	27AUG14	07OCT14	14.4215	0.4865	3.4
133180130_14	42	18SEP14	30SEP14	14.4810	0.5190	3.6
133180160_14	102	30SEP14	10NOV14	14.2549	0.6109	4.3
133180230_14	86	05NOV14	17DEC14	14.6558	0.4932	3.4
133180210_14	20	10NOV14	16NOV14	14.7050	0.4395	3.0
133180260_14	20	07DEC14	14DEC14	15.1950	0.4123	2.7
133180290_15	23	02JAN15	17JAN15	15.2130	0.3806	2.5
133180340_15	56	09JAN15	27JAN15	14.5777	0.4168	2.9
133180390_15	6	26JAN15	27JAN15	13.9333	0.2944	2.1


Lymphocyte (%) (Lvl 2) Quality Control
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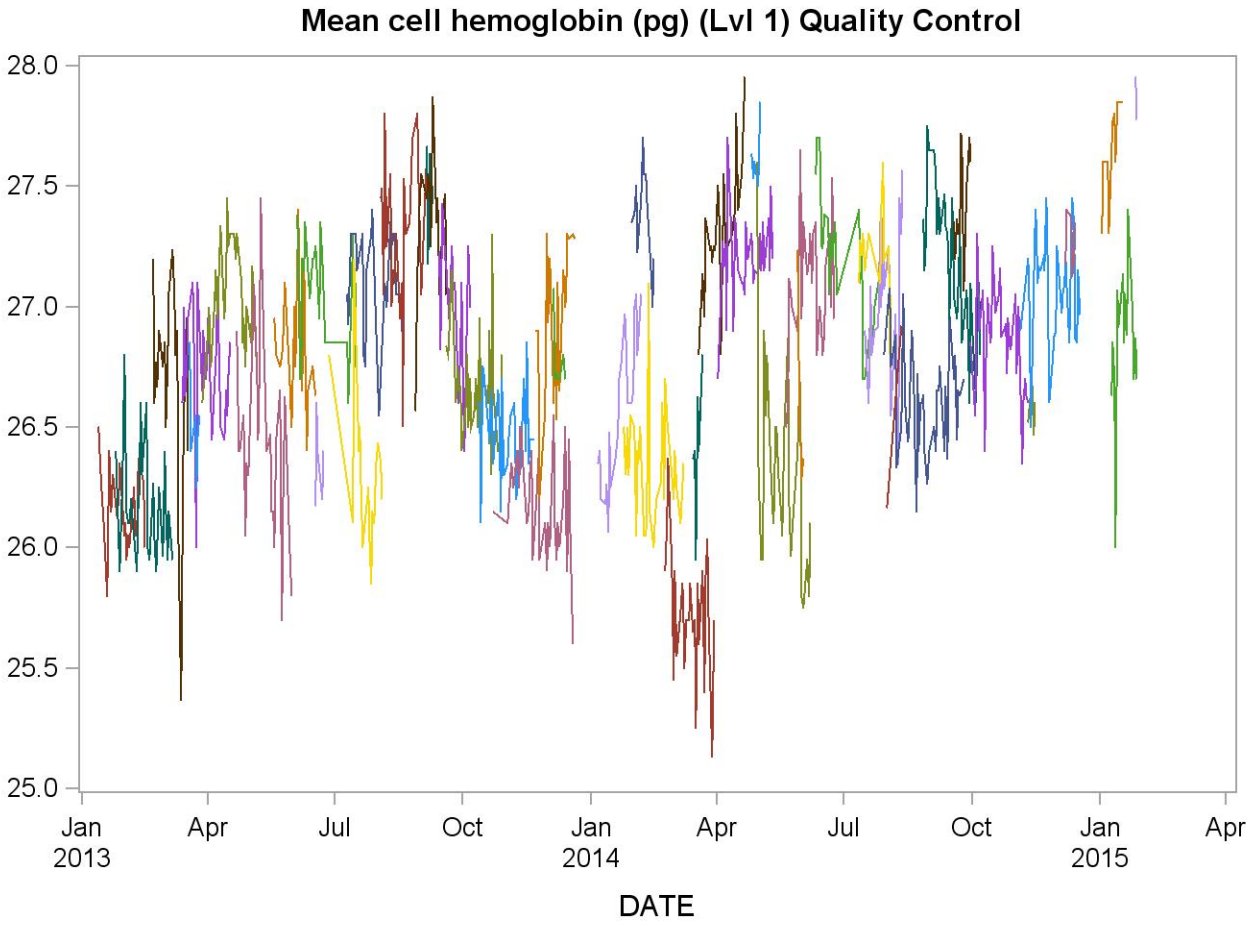
Summary Statistics for Lymphocyte (%) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	28.3500	0.5066	1.8
142970950_13	63	13JAN13	15FEB13	24.8889	0.8977	3.6
142976150_13	58	25JAN13	07MAR13	27.7190	0.5841	2.1
142984150_13	58	21FEB13	18MAR13	26.2138	0.6927	2.6
142994710_13	58	13MAR13	17APR13	25.9690	0.5436	2.1
142999700_13	13	19MAR13	26MAR13	27.3308	0.5559	2.0
142996530_13	56	28MAR13	06MAY13	26.6839	0.7288	2.7
143008020_13	95	22APR13	31MAY13	28.0011	0.5937	2.1
143014410_13	51	19MAY13	17JUN13	28.4176	0.8057	2.8
143024780_13	49	04JUN13	16JUL13	28.3857	0.4682	1.6
143029580_13	21	17JUN13	23JUN13	29.3000	0.7688	2.6
143030800_13	32	27JUN13	04AUG13	25.6688	0.5755	2.2
143037030_13	64	10JUL13	19AUG13	25.8188	0.6939	2.7
143048150_13	65	03AUG13	05SEP13	27.7585	0.5950	2.1
143059980_13	48	28AUG13	19SEP13	25.7771	0.5474	2.1
143061580_13	15	05SEP13	09SEP13	28.7267	0.6029	2.1
143065560_13	47	14SEP13	07OCT13	25.7638	0.5554	2.2
143068610_13	62	19SEP13	29OCT13	26.3548	0.5933	2.3
143074220_13	58	07OCT13	21NOV13	27.3534	0.7347	2.7
143081700_13	62	23OCT13	19DEC13	29.1984	0.5946	2.0
143088430_13	60	22NOV13	20DEC13	29.0117	0.7744	2.7
143091680_13	25	05DEC13	13DEC13	29.0320	0.6342	2.2
143108840_14	70	06JAN14	06FEB14	27.8571	0.9514	3.4
143112740_14	61	24JAN14	08MAR14	27.8738	0.6630	2.4
143115740_14	42	30JAN14	15FEB14	28.9429	0.8977	3.1
143121380_14	57	23FEB14	30MAR14	29.4825	0.9109	3.1
143134200_14	20	15MAR14	22MAR14	29.1200	0.6662	2.3
143137160_14	53	19MAR14	21APR14	29.5057	0.7846	2.7
143141700_14	73	02APR14	11MAY14	28.2301	0.7074	2.5
143147750_14	22	26APR14	02MAY14	28.4636	0.7365	2.6
143146400_14	59	30APR14	07JUN14	27.7136	0.5383	1.9
143153690_14	57	21MAY14	24JUN14	28.3456	0.7625	2.7
143156170_14	24	29MAY14	02JUN14	26.9958	0.4544	1.7
143163240_14	62	11JUN14	26JUL14	27.6323	0.8613	3.1
143190050_14	34	12JUL14	04AUG14	27.8324	0.4656	1.7
143190030_14	53	16JUL14	12AUG14	27.3208	1.2864	4.7
143190080_14	96	30JUL14	25SEP14	27.1542	0.6865	2.5
143190100_14	8	01AUG14	11AUG14	27.6125	0.9015	3.3
143190110_14	65	27AUG14	07OCT14	27.1415	0.5868	2.2
143190130_14	40	18SEP14	30SEP14	26.8600	0.5286	2.0
143190160_14	99	30SEP14	10NOV14	27.6727	0.5978	2.2
143190230_14	84	05NOV14	17DEC14	27.2690	0.5874	2.2
143190210_14	20	10NOV14	16NOV14	28.6700	0.4900	1.7
143190260_14	20	07DEC14	14DEC14	28.2300	0.3895	1.4
143190290_15	17	02JAN15	17JAN15	28.7824	0.6356	2.2
143190340_15	56	09JAN15	27JAN15	28.5839	0.5963	2.1
143190390_15	6	26JAN15	27JAN15	27.5000	0.3286	1.2


Lymphocyte (%) (Lvl 3) Quality Control
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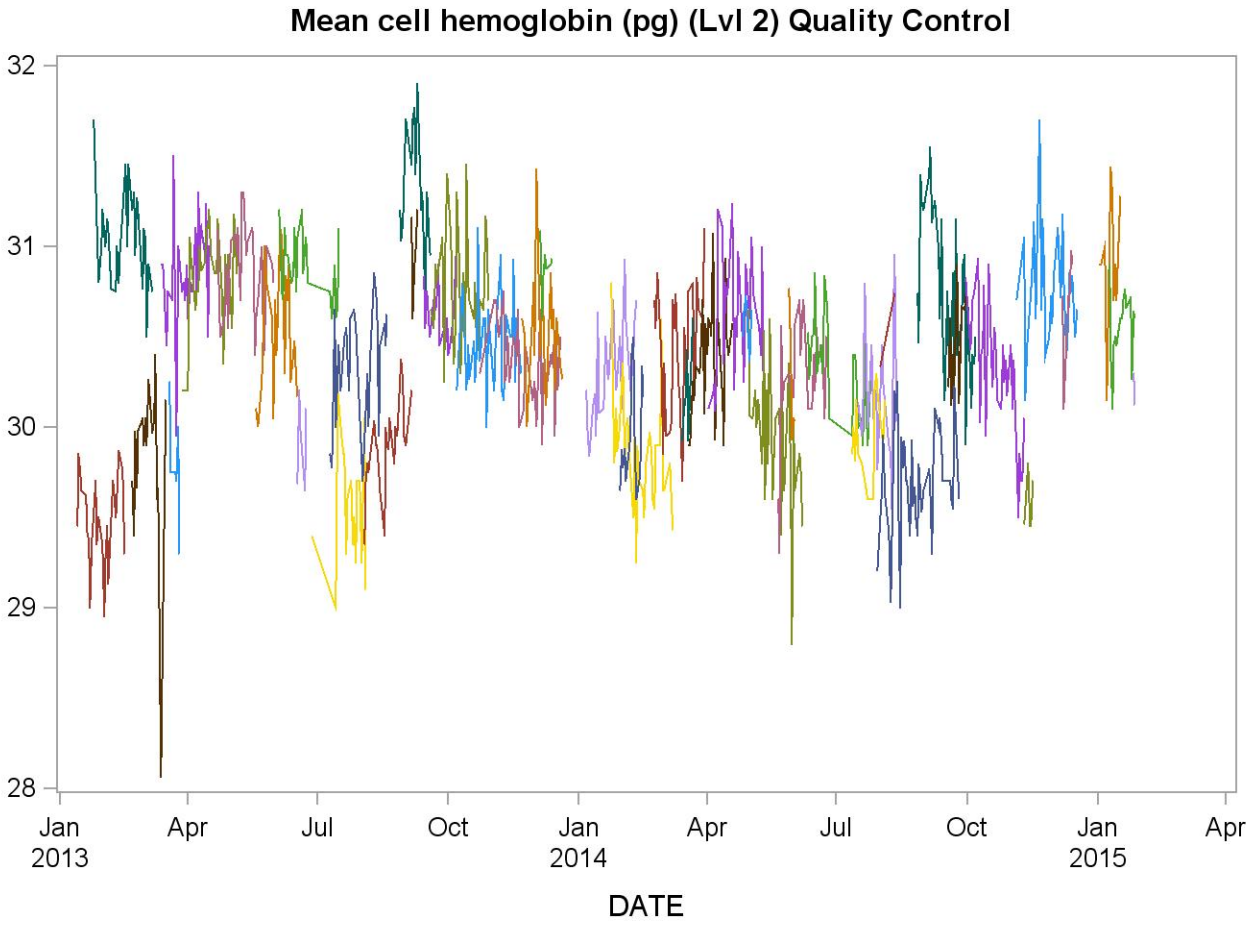
Summary Statistics for Mean cell hemoglobin (pg) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	27.5667	0.4726	1.7
122970930_13	64	13JAN13	15FEB13	26.1922	0.2924	1.1
122976130_13	57	25JAN13	07MAR13	26.1579	0.3273	1.3
122984130_13	52	21FEB13	18MAR13	26.6750	0.5394	2.0
122994690_13	57	13MAR13	17APR13	26.7140	0.3934	1.5
122999670_13	12	19MAR13	26MAR13	26.5083	0.2778	1.0
122996510_13	54	28MAR13	06MAY13	27.0685	0.2539	0.9
123008000_13	79	22APR13	31MAY13	26.6032	0.5951	2.2
123014390_13	52	19MAY13	17JUN13	26.7827	0.3092	1.2
123024760_13	45	04JUN13	16JUL13	27.0844	0.3424	1.3
123029560_13	20	17JUN13	23JUN13	26.2650	0.2231	0.8
123030780_13	33	27JUN13	04AUG13	26.2727	0.3556	1.4
123037010_13	56	10JUL13	19AUG13	27.1250	0.2481	0.9
123048130_13	65	03AUG13	05SEP13	27.4123	0.3281	1.2
123059960_13	44	28AUG13	19SEP13	27.3000	0.4160	1.5
123059270_13	14	05SEP13	09SEP13	27.4214	0.2833	1.0
123065540_13	46	14SEP13	07OCT13	27.0500	0.3662	1.4
123068590_13	67	19SEP13	29OCT13	26.6746	0.3268	1.2
123074200_13	57	11OCT13	21NOV13	26.4912	0.3366	1.3
123081680_13	65	23OCT13	19DEC13	26.2062	0.2828	1.1
123088410_13	47	22NOV13	20DEC13	27.0021	0.4743	1.8
123091660_13	24	05DEC13	13DEC13	26.7833	0.2777	1.0
123108820_14	73	06JAN14	06FEB14	26.5082	0.4474	1.7
123112720_14	65	24JAN14	08MAR14	26.3215	0.2880	1.1
123115720_14	41	30JAN14	15FEB14	27.3683	0.2788	1.0
123121360_14	56	23FEB14	30MAR14	25.7375	0.3793	1.5
123134180_14	21	15MAR14	22MAR14	26.3905	0.4073	1.5
123137140_14	63	19MAR14	21APR14	27.2968	0.3085	1.1
123141680_14	74	02APR14	11MAY14	27.2257	0.2388	0.9
123147730_14	23	26APR14	02MAY14	27.5913	0.2372	0.9
123146380_14	66	30APR14	07JUN14	26.2848	0.6659	2.5
123153670_14	60	21MAY14	24JUN14	27.1050	0.3703	1.4
123156150_14	24	29MAY14	02JUN14	26.5125	0.4911	1.9
123163220_14	63	11JUN14	26JUL14	27.2508	0.3528	1.3
123170050_14	32	12JUL14	04AUG14	27.2156	0.2451	0.9
123170030_14	57	16JUL14	12AUG14	27.0018	0.4549	1.7
123170080_14	115	30JUL14	25SEP14	26.6452	0.3542	1.3
123170100_14	8	01AUG14	11AUG14	26.6375	0.4241	1.6
123170110_14	65	27AUG14	07OCT14	27.2062	0.3499	1.3
123170130_14	39	18SEP14	30SEP14	27.4436	0.2673	1.0
123170160_14	108	30SEP14	10NOV14	26.8935	0.4059	1.5
123170230_14	90	05NOV14	17DEC14	27.0928	0.3158	1.2
123170210_14	21	10NOV14	16NOV14	26.5476	0.2112	0.8
123170260_14	20	07DEC14	14DEC14	27.2500	0.1878	0.7
123170290_15	17	02JAN15	17JAN15	27.7059	0.2461	0.9
123170340_15	57	09JAN15	27JAN15	26.8868	0.4235	1.6
123170390_15	6	26JAN15	27JAN15	27.8333	0.1506	0.5


Mean cell hemoglobin (pg) (Lvl 1) Quality Control
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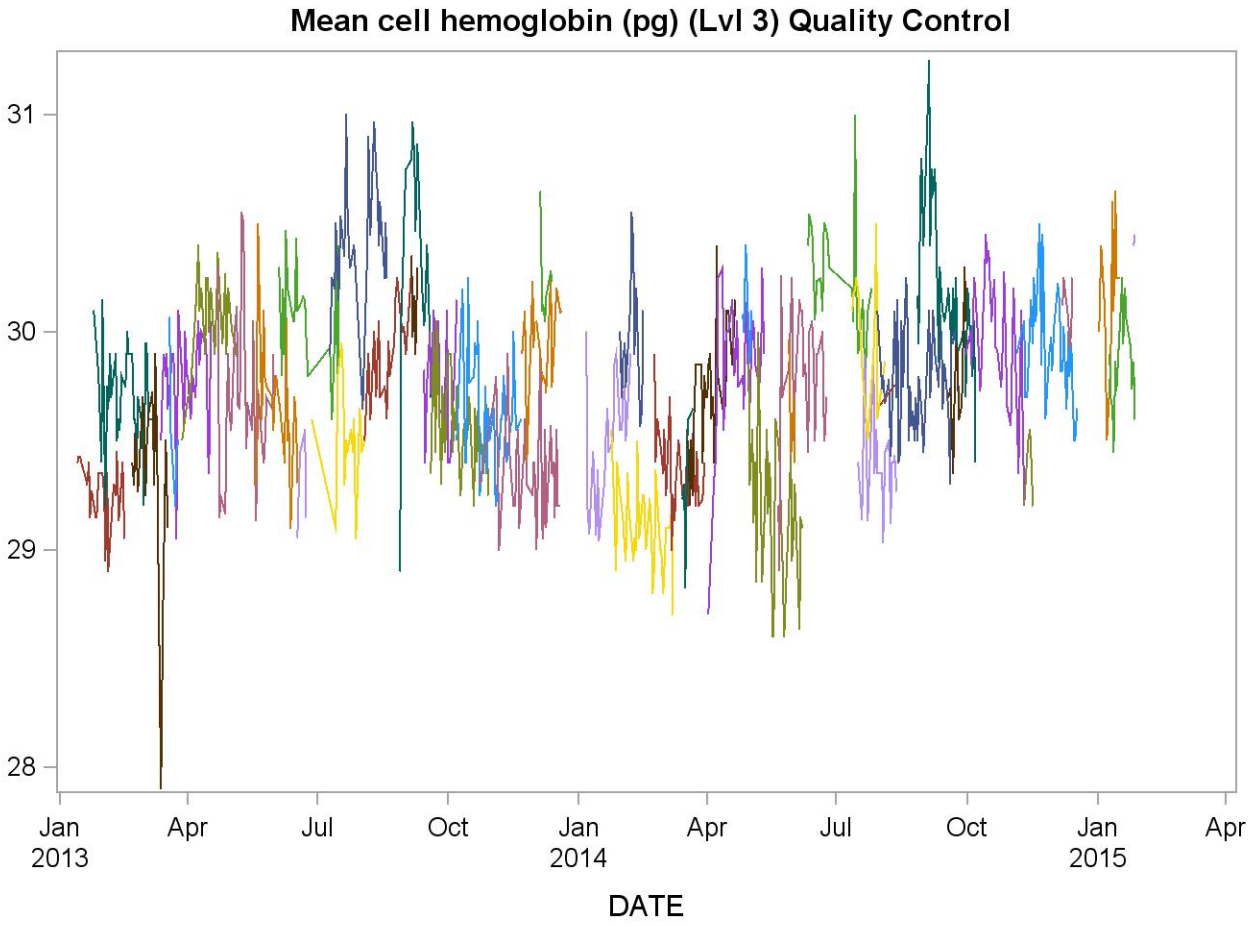
Summary Statistics for Mean cell hemoglobin (pg) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	31.4200	0.9039	2.9
132970940_13	63	13JAN13	15FEB13	29.5111	0.3529	1.2
132976140_13	61	25JAN13	07MAR13	31.0328	0.3863	1.2
132984140_13	56	21FEB13	16MAR13	29.7768	0.8178	2.7
132994700_13	61	13MAR13	17APR13	30.8459	0.4650	1.5
132999690_13	12	19MAR13	26MAR13	29.7917	0.4188	1.4
132996520_13	60	28MAR13	06MAY13	30.8850	0.3220	1.0
133008010_13	80	22APR13	31MAY13	30.9125	0.5186	1.7
133014400_13	56	19MAY13	17JUN13	30.4696	0.4709	1.5
133024770_13	45	04JUN13	16JUL13	30.9222	0.4005	1.3
133029570_13	21	17JUN13	23JUN13	29.8000	0.3768	1.3
133030790_13	33	27JUN13	04AUG13	29.5939	0.4408	1.5
133037020_13	71	10JUL13	19AUG13	30.4127	0.4306	1.4
133048140_13	69	03AUG13	05SEP13	29.8616	0.4164	1.4
133059970_13	48	28AUG13	19SEP13	31.2938	0.4383	1.4
133061570_13	20	05SEP13	09SEP13	30.9100	0.4179	1.4
133065550_13	50	14SEP13	07OCT13	30.6560	0.2771	0.9
133068600_13	73	19SEP13	29OCT13	30.8726	0.4724	1.5
133074210_13	62	07OCT13	21NOV13	30.4710	0.3864	1.3
133081690_13	64	23OCT13	19DEC13	30.3719	0.2892	1.0
133088420_13	49	22NOV13	20DEC13	30.5571	0.4486	1.5
133091670_13	27	05DEC13	13DEC13	30.9148	0.3122	1.0
133108830_14	84	06JAN14	10FEB14	30.2929	0.4607	1.5
133112730_14	66	24JAN14	08MAR14	29.8258	0.3605	1.2
133115730_14	44	30JAN14	15FEB14	29.9182	0.3902	1.3
133121370_14	60	23FEB14	30MAR14	30.4350	0.4998	1.6
133134190_14	23	15MAR14	22MAR14	30.1522	0.4888	1.6
133137150_14	67	19MAR14	21APR14	30.4000	0.4362	1.4
133141690_14	79	02APR14	11MAY14	30.5494	0.4825	1.6
133147740_14	24	26APR14	02MAY14	30.5500	0.2467	0.8
133146390_14	64	30APR14	07JUN14	29.9500	0.6029	2.0
133153680_14	67	21MAY14	24JUN14	30.3388	0.4694	1.5
133156160_14	24	29MAY14	02JUN14	30.2000	0.5548	1.8
133163230_14	71	11JUN14	26JUL14	30.4070	0.4301	1.4
133180050_14	31	12JUL14	04AUG14	29.9387	0.3283	1.1
133180030_14	58	16JUL14	12AUG14	30.1172	0.4619	1.5
133180080_14	108	30JUL14	25SEP14	29.7167	0.4496	1.5
133180100_14	8	01AUG14	11AUG14	30.5875	0.3643	1.2
133180110_14	63	27AUG14	07OCT14	30.7968	0.4819	1.6
133180130_14	42	18SEP14	30SEP14	30.4810	0.4020	1.3
133180160_14	104	30SEP14	10NOV14	30.3433	0.5563	1.8
133180230_14	86	05NOV14	17DEC14	30.7744	0.3488	1.1
133180210_14	19	10NOV14	16NOV14	29.5211	0.4049	1.4
133180260_14	20	07DEC14	14DEC14	30.7250	0.3972	1.3
133180290_15	23	02JAN15	17JAN15	30.9696	0.5896	1.9
133180340_15	57	09JAN15	27JAN15	30.5877	0.3650	1.2
133180390_15	6	26JAN15	27JAN15	30.1833	0.1472	0.5


Mean cell hemoglobin (pg) (Lvl 2) Quality Control
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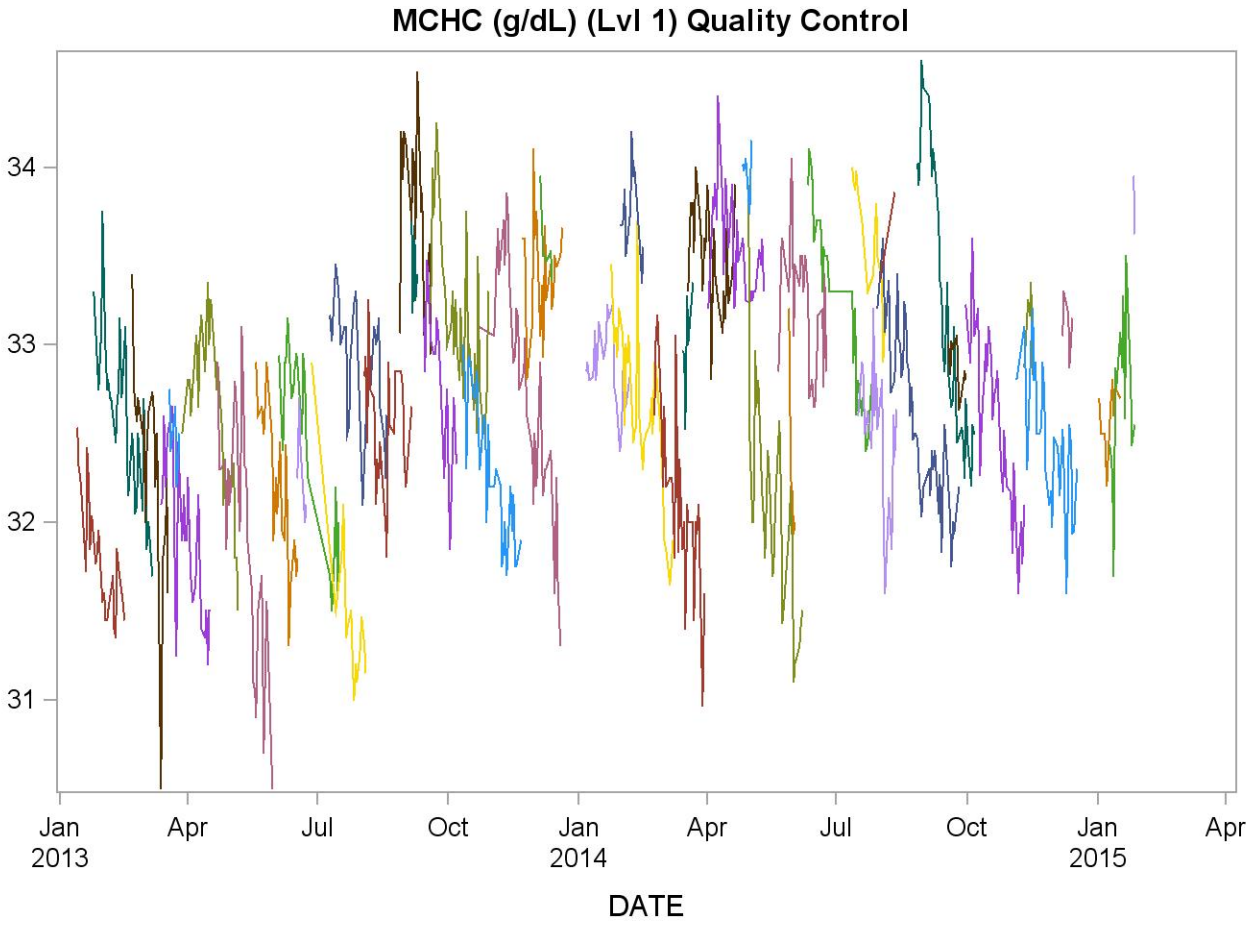
Summary Statistics for Mean cell hemoglobin (pg) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	30.7000	1.3976	4.6
142970950_13	62	13JAN13	15FEB13	29.2839	0.2812	1.0
142976150_13	58	25JAN13	07MAR13	29.7328	0.3461	1.2
142984150_13	58	21FEB13	18MAR13	29.2983	0.5922	2.0
142994710_13	58	13MAR13	17APR13	29.7879	0.3554	1.2
142999700_13	13	19MAR13	26MAR13	29.5846	0.3532	1.2
142996530_13	55	28MAR13	06MAY13	30.0582	0.3137	1.0
143008020_13	96	22APR13	31MAY13	29.7219	0.5132	1.7
143014410_13	50	19MAY13	17JUN13	29.5860	0.3653	1.2
143024780_13	48	04JUN13	16JUL13	30.1021	0.3812	1.3
143029580_13	21	17JUN13	23JUN13	29.1762	0.2719	0.9
143030800_13	32	27JUN13	04AUG13	29.5063	0.3445	1.2
143037030_13	62	10JUL13	19AUG13	30.4161	0.4102	1.3
143048150_13	65	03AUG13	05SEP13	29.8554	0.3721	1.2
143059980_13	47	28AUG13	19SEP13	30.2936	0.5750	1.9
143061580_13	15	05SEP13	09SEP13	30.1267	0.2890	1.0
143065560_13	46	14SEP13	07OCT13	29.7935	0.3505	1.2
143068610_13	60	19SEP13	29OCT13	29.5683	0.3000	1.0
143074220_13	59	07OCT13	21NOV13	29.6475	0.3549	1.2
143081700_13	62	23OCT13	19DEC13	29.4016	0.3252	1.1
143088430_13	62	22NOV13	20DEC13	29.9661	0.3487	1.2
143091680_13	25	05DEC13	13DEC13	30.2440	0.3367	1.1
143108840_14	71	06JAN14	06FEB14	29.4380	0.4764	1.6
143112740_14	60	24JAN14	08MAR14	29.1100	0.2576	0.9
143115740_14	42	30JAN14	15FEB14	29.9500	0.3743	1.2
143121380_14	57	23FEB14	30MAR14	29.3579	0.3311	1.1
143134200_14	20	15MAR14	22MAR14	29.3150	0.4004	1.4
143137160_14	54	19MAR14	21APR14	29.7148	0.3647	1.2
143141700_14	74	02APR14	11MAY14	29.6865	0.4324	1.5
143147750_14	22	26APR14	02MAY14	30.0545	0.3233	1.1
143146400_14	59	30APR14	07JUN14	29.1576	0.4473	1.5
143153690_14	58	21MAY14	24JUN14	29.8500	0.4181	1.4
143156170_14	24	29MAY14	02JUN14	29.5833	0.4410	1.5
143163240_14	61	11JUN14	26JUL14	30.2475	0.3160	1.0
143190050_14	34	12JUL14	04AUG14	30.0441	0.2946	1.0
143190030_14	54	16JUL14	12AUG14	29.3519	0.3413	1.2
143190080_14	97	30JUL14	25SEP14	29.7845	0.3776	1.3
143190100_14	8	01AUG14	11AUG14	29.7250	0.2493	0.8
143190110_14	65	27AUG14	07OCT14	30.2031	0.3885	1.3
143190130_14	40	18SEP14	30SEP14	29.7575	0.3615	1.2
143190160_14	100	30SEP14	10NOV14	29.9900	0.4329	1.4
143190230_14	85	05NOV14	17DEC14	29.9235	0.3168	1.1
143190210_14	20	10NOV14	16NOV14	29.3100	0.3796	1.3
143190260_14	21	07DEC14	14DEC14	30.0714	0.3509	1.2
143190290_15	16	02JAN15	17JAN15	30.2125	0.3704	1.2
143190340_15	56	09JAN15	27JAN15	29.8955	0.3480	1.2
143190390_15	6	26JAN15	27JAN15	30.4333	0.2658	0.9


Mean cell hemoglobin (pg) (Lvl 3) Quality Control
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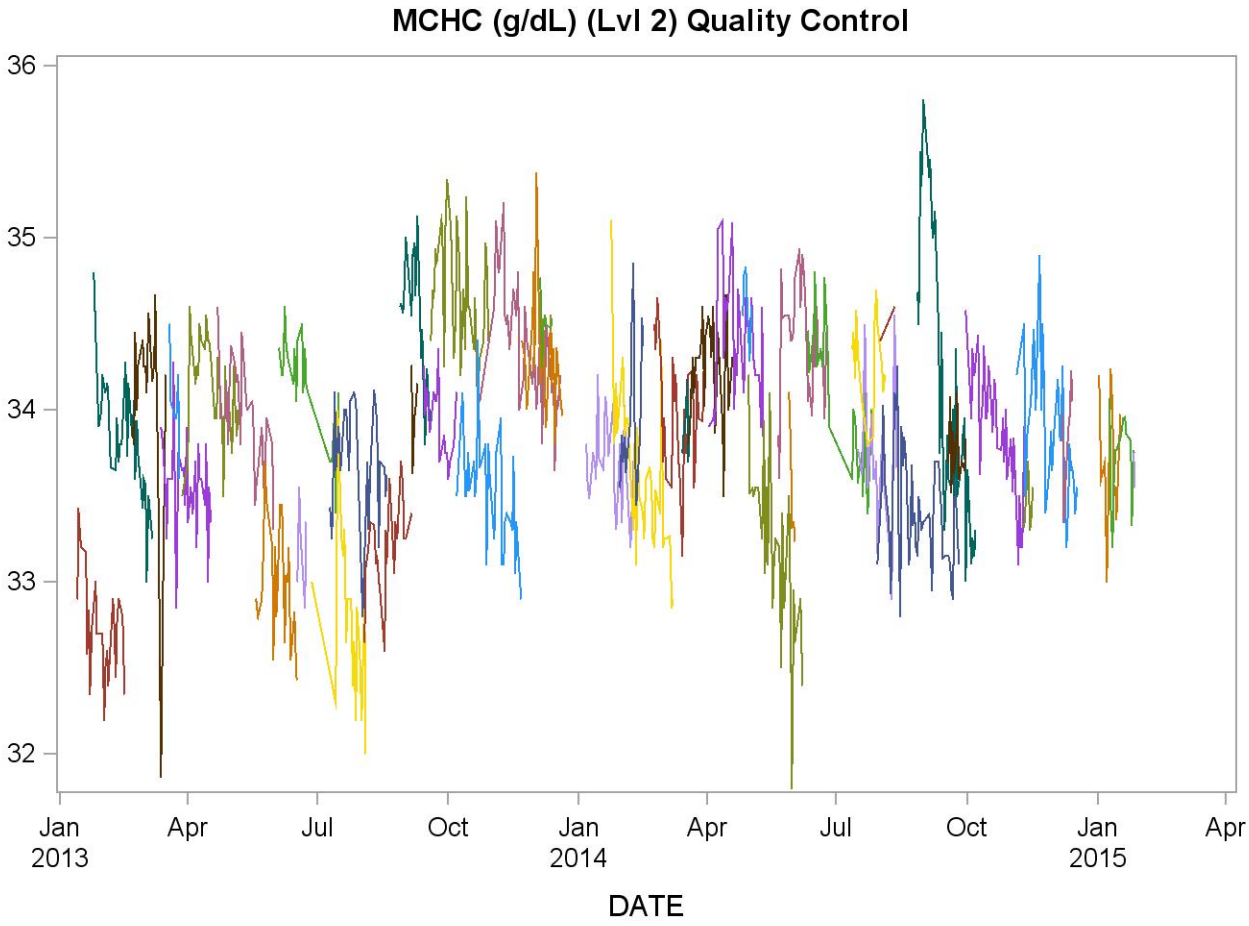
Summary Statistics for MCHC (g/dL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	33.0667	0.5033	1.5
122970930_13	64	13JAN13	15FEB13	31.8922	0.4841	1.5
122976130_13	57	25JAN13	07MAR13	32.5368	0.5304	1.6
122984130_13	53	21FEB13	18MAR13	32.2849	0.7402	2.3
122994690_13	57	13MAR13	17APR13	31.9333	0.5146	1.6
122999670_13	12	19MAR13	26MAR13	32.4750	0.3571	1.1
122996510_13	54	28MAR13	06MAY13	32.6444	0.5090	1.6
123008000_13	79	22APR13	31MAY13	32.0671	0.7846	2.4
123014390_13	52	19MAY13	17JUN13	32.1192	0.4640	1.4
123024760_13	45	04JUN13	16JUL13	32.5444	0.5887	1.8
123029560_13	20	17JUN13	23JUN13	32.2750	0.2633	0.8
123030780_13	32	27JUN13	04AUG13	31.4719	0.4664	1.5
123037010_13	56	10JUL13	19AUG13	32.9554	0.3732	1.1
123048130_13	65	03AUG13	05SEP13	32.6892	0.3969	1.2
123059960_13	44	28AUG13	19SEP13	33.7477	0.6144	1.8
123059270_13	14	05SEP13	09SEP13	33.4357	0.3249	1.0
123065540_13	46	14SEP13	07OCT13	32.8478	0.5023	1.5
123068590_13	68	19SEP13	29OCT13	33.1309	0.5867	1.8
123074200_13	57	11OCT13	21NOV13	32.3228	0.4766	1.5
123081680_13	65	23OCT13	19DEC13	32.7908	0.6663	2.0
123088410_13	47	22NOV13	20DEC13	33.4255	0.5215	1.6
123091660_13	24	05DEC13	13DEC13	33.5708	0.3342	1.0
123108820_14	73	06JAN14	06FEB14	32.9137	0.4325	1.3
123112720_14	65	24JAN14	08MAR14	32.5862	0.5083	1.6
123115720_14	41	30JAN14	15FEB14	33.7195	0.3385	1.0
123121360_14	57	23FEB14	30MAR14	32.1211	0.5930	1.8
123134180_14	21	15MAR14	22MAR14	32.9810	0.4423	1.3
123137140_14	63	19MAR14	21APR14	33.5175	0.3275	1.0
123141680_14	75	02APR14	11MAY14	33.6387	0.3642	1.1
123147730_14	23	26APR14	02MAY14	33.9652	0.3242	1.0
123146380_14	66	30APR14	07JUN14	32.0076	0.8226	2.6
123153670_14	60	21MAY14	24JUN14	33.2483	0.4799	1.4
123156150_14	24	29MAY14	02JUN14	32.2458	0.6400	2.0
123163220_14	63	11JUN14	26JUL14	33.3667	0.5588	1.7
123170050_14	32	12JUL14	04AUG14	33.7094	0.4003	1.2
123170030_14	57	16JUL14	12AUG14	32.5386	0.5454	1.7
123170080_14	115	30JUL14	25SEP14	32.6991	0.5900	1.8
123170100_14	8	01AUG14	11AUG14	33.6750	0.4400	1.3
123170110_14	65	27AUG14	07OCT14	33.2738	0.7747	2.3
123170130_14	39	18SEP14	30SEP14	32.9308	0.2430	0.7
123170160_14	108	30SEP14	10NOV14	32.5565	0.5707	1.8
123170230_14	90	05NOV14	17DEC14	32.4156	0.4857	1.5
123170210_14	22	10NOV14	16NOV14	32.9864	0.4074	1.2
123170260_14	20	07DEC14	14DEC14	33.0750	0.2197	0.7
123170290_15	17	02JAN15	17JAN15	32.6588	0.1970	0.6
123170340_15	57	09JAN15	27JAN15	32.7219	0.6251	1.9
123170390_15	6	26JAN15	27JAN15	33.7333	0.2582	0.8


MCHC (g/dL) (Lvl 1) Quality Control
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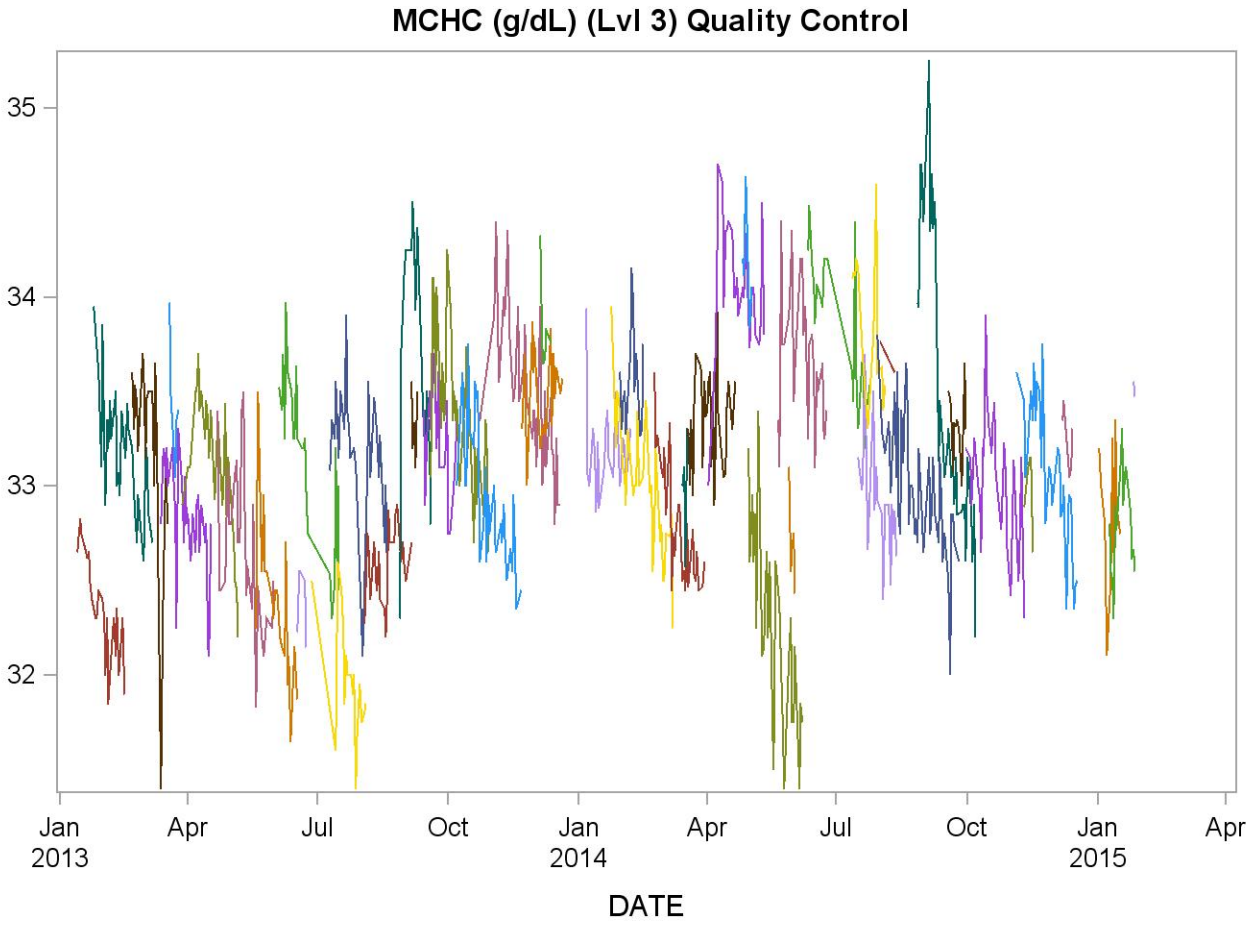
Summary Statistics for MCHC (g/dL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	34.1400	0.9450	2.8
132970940_13	64	13JAN13	15FEB13	32.8109	0.4999	1.5
132976140_13	61	25JAN13	07MAR13	33.8230	0.4540	1.3
132984140_13	56	21FEB13	16MAR13	33.9768	0.9322	2.7
132994700_13	61	13MAR13	17APR13	33.5803	0.4668	1.4
132999690_13	12	19MAR13	26MAR13	34.0417	0.3872	1.1
132996520_13	60	28MAR13	06MAY13	34.1750	0.3496	1.0
133008010_13	80	22APR13	31MAY13	34.0481	0.5158	1.5
133014400_13	56	19MAY13	17JUN13	32.8839	0.5277	1.6
133024770_13	45	04JUN13	16JUL13	34.1600	0.4678	1.4
133029570_13	21	17JUN13	23JUN13	33.1000	0.4099	1.2
133030790_13	33	27JUN13	04AUG13	32.7758	0.5585	1.7
133037020_13	71	10JUL13	19AUG13	33.7465	0.4201	1.2
133048140_13	69	03AUG13	05SEP13	33.2362	0.4508	1.4
133059970_13	48	28AUG13	19SEP13	34.5104	0.4913	1.4
133061570_13	20	05SEP13	09SEP13	33.9600	0.4430	1.3
133065550_13	50	14SEP13	07OCT13	33.9720	0.3058	0.9
133068600_13	73	19SEP13	29OCT13	34.7548	0.4916	1.4
133074210_13	62	07OCT13	21NOV13	33.5323	0.4273	1.3
133081690_13	64	23OCT13	19DEC13	34.3906	0.3999	1.2
133088420_13	49	22NOV13	20DEC13	34.3531	0.5120	1.5
133091670_13	27	05DEC13	13DEC13	34.5444	0.3154	0.9
133108830_14	83	06JAN14	10FEB14	33.7422	0.4527	1.3
133112730_14	66	24JAN14	08MAR14	33.5985	0.5101	1.5
133115730_14	45	30JAN14	15FEB14	33.9511	0.5016	1.5
133121370_14	60	23FEB14	30MAR14	33.9450	0.5251	1.5
133134190_14	23	15MAR14	22MAR14	33.9304	0.5555	1.6
133137150_14	67	19MAR14	21APR14	34.2791	0.4521	1.3
133141690_14	79	02APR14	11MAY14	34.3101	0.5042	1.5
133147740_14	24	26APR14	02MAY14	34.5917	0.3106	0.9
133146390_14	64	30APR14	07JUN14	33.2188	0.7098	2.1
133153680_14	67	21MAY14	24JUN14	34.4761	0.5295	1.5
133156160_14	24	29MAY14	02JUN14	33.5250	0.5892	1.8
133163230_14	71	11JUN14	26JUL14	34.2366	0.5388	1.6
133180050_14	31	12JUL14	04AUG14	34.2839	0.3716	1.1
133180030_14	58	16JUL14	12AUG14	33.6603	0.5057	1.5
133180080_14	108	30JUL14	25SEP14	33.4815	0.5278	1.6
133180100_14	8	01AUG14	11AUG14	34.5250	0.3284	1.0
133180110_14	64	27AUG14	07OCT14	34.2688	0.8666	2.5
133180130_14	42	18SEP14	30SEP14	33.7762	0.3818	1.1
133180160_14	104	30SEP14	10NOV14	33.9212	0.4596	1.4
133180230_14	86	05NOV14	17DEC14	33.8779	0.4241	1.3
133180210_14	19	10NOV14	16NOV14	33.3842	0.4634	1.4
133180260_14	20	07DEC14	14DEC14	33.9450	0.4430	1.3
133180290_15	23	02JAN15	17JAN15	33.7391	0.5945	1.8
133180340_15	57	09JAN15	27JAN15	33.7789	0.3863	1.1
133180390_15	6	26JAN15	27JAN15	33.6167	0.1472	0.4


MCHC (g/dL) (Lvl 2) Quality Control
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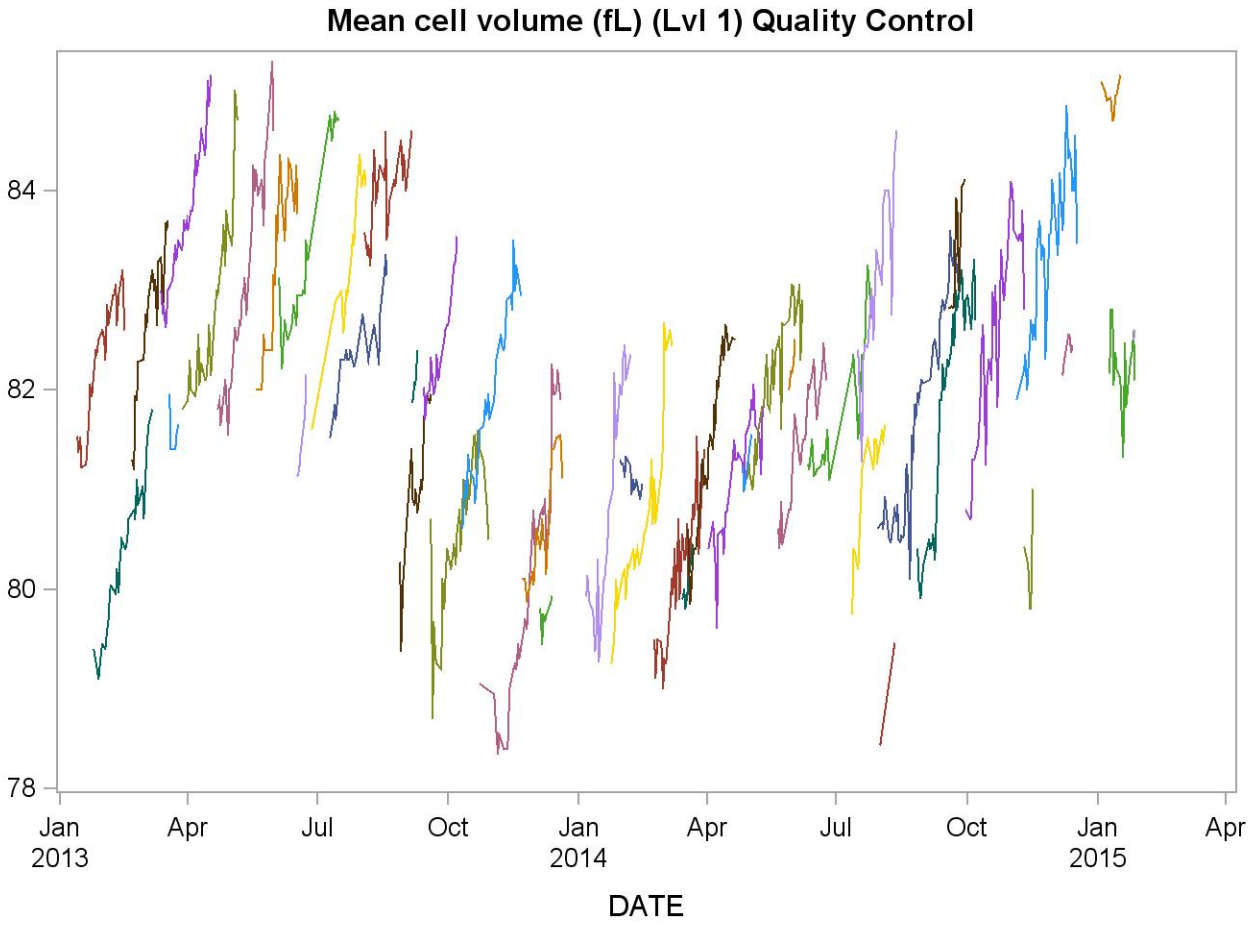
Summary Statistics for MCHC (g/dL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	33.5000	1.5769	4.7
142970950_13	62	13JAN13	15FEB13	32.4226	0.3860	1.2
142976150_13	58	25JAN13	07MAR13	33.1638	0.4237	1.3
142984150_13	58	21FEB13	18MAR13	33.1000	0.6991	2.1
142994710_13	58	13MAR13	17APR13	32.8707	0.4044	1.2
142999700_13	13	19MAR13	26MAR13	33.4846	0.3579	1.1
142996530_13	55	28MAR13	06MAY13	33.1382	0.4258	1.3
143008020_13	96	22APR13	31MAY13	32.6875	0.5322	1.6
143014410_13	50	19MAY13	17JUN13	32.2320	0.4312	1.3
143024780_13	48	04JUN13	16JUL13	33.1792	0.5746	1.7
143029580_13	21	17JUN13	23JUN13	32.3095	0.2755	0.9
143030800_13	32	27JUN13	04AUG13	31.9625	0.3782	1.2
143037030_13	62	10JUL13	19AUG13	33.2048	0.4209	1.3
143048150_13	65	03AUG13	05SEP13	32.6138	0.3917	1.2
143059980_13	47	28AUG13	19SEP13	33.7085	0.6669	2.0
143061580_13	15	05SEP13	09SEP13	33.3267	0.2685	0.8
143065560_13	46	14SEP13	07OCT13	33.2652	0.3837	1.2
143068610_13	62	19SEP13	29OCT13	33.3839	0.4652	1.4
143074220_13	59	07OCT13	21NOV13	32.9237	0.4466	1.4
143081700_13	62	23OCT13	19DEC13	33.5484	0.4356	1.3
143088430_13	62	22NOV13	20DEC13	33.4952	0.3346	1.0
143091680_13	25	05DEC13	13DEC13	33.8280	0.3398	1.0
143108840_14	70	06JAN14	06FEB14	33.1914	0.4763	1.4
143112740_14	61	24JAN14	08MAR14	33.0164	0.4026	1.2
143115740_14	42	30JAN14	15FEB14	33.5381	0.3913	1.2
143121380_14	57	23FEB14	30MAR14	32.7719	0.4366	1.3
143134200_14	20	15MAR14	22MAR14	33.0650	0.3924	1.2
143137160_14	54	19MAR14	21APR14	33.3315	0.4032	1.2
143141700_14	74	02APR14	11MAY14	33.9041	0.4513	1.3
143147750_14	22	26APR14	02MAY14	34.1409	0.3924	1.1
143146400_14	59	30APR14	07JUN14	32.2000	0.5663	1.8
143153690_14	58	21MAY14	24JUN14	33.7741	0.5087	1.5
143156170_14	24	29MAY14	02JUN14	32.6833	0.4706	1.4
143163240_14	61	11JUN14	26JUL14	33.9426	0.4201	1.2
143190050_14	34	12JUL14	04AUG14	33.9471	0.3645	1.1
143190030_14	54	16JUL14	12AUG14	32.8870	0.4042	1.2
143190080_14	97	30JUL14	25SEP14	33.0433	0.4444	1.3
143190100_14	8	01AUG14	11AUG14	33.6625	0.2825	0.8
143190110_14	65	27AUG14	07OCT14	33.5215	0.7572	2.3
143190130_14	40	18SEP14	30SEP14	33.3325	0.3422	1.0
143190160_14	100	30SEP14	10NOV14	33.0590	0.4171	1.3
143190230_14	85	05NOV14	17DEC14	33.0106	0.4189	1.3
143190210_14	20	10NOV14	16NOV14	32.9500	0.4123	1.3
143190260_14	21	07DEC14	14DEC14	33.1952	0.3801	1.1
143190290_15	16	02JAN15	17JAN15	32.8688	0.3962	1.2
143190340_15	56	09JAN15	27JAN15	32.8357	0.4338	1.3
143190390_15	6	26JAN15	27JAN15	33.5000	0.2366	0.7


MCHC (g/dL) (Lvl 3) Quality Control
35
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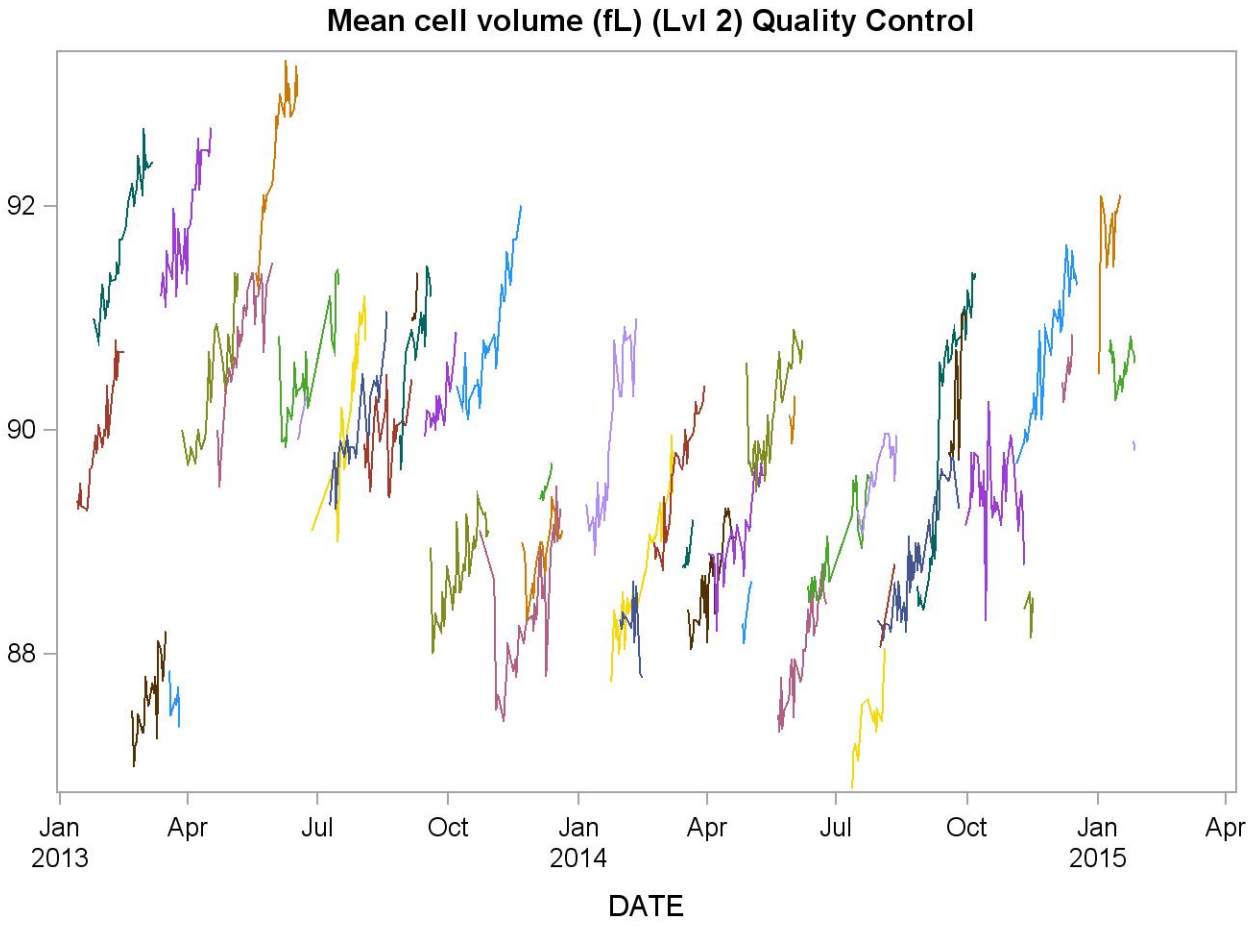
Summary Statistics for Mean cell volume (fL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	83.3000	0.3464	0.4
122970930_13	65	13JAN13	15FEB13	82.1138	0.7178	0.9
122976130_13	57	25JAN13	07MAR13	80.4175	0.7204	0.9
122984130_13	53	21FEB13	18MAR13	82.7302	0.7963	1.0
122994690_13	57	13MAR13	17APR13	83.6649	0.7914	0.9
122999670_13	12	19MAR13	26MAR13	81.6000	0.4553	0.6
122996510_13	54	28MAR13	06MAY13	82.9278	0.9355	1.1
123008000_13	79	22APR13	31MAY13	82.9753	0.9565	1.2
123014390_13	52	19MAY13	17JUN13	83.4115	0.7813	0.9
123024760_13	45	04JUN13	16JUL13	83.2778	0.8509	1.0
123029560_13	21	17JUN13	23JUN13	81.3190	0.3737	0.5
123030780_13	32	27JUN13	04AUG13	83.4125	0.7286	0.9
123037010_13	57	10JUL13	19AUG13	82.3000	0.5388	0.7
123048130_13	65	03AUG13	05SEP13	83.8646	0.4060	0.5
123059960_13	44	28AUG13	19SEP13	80.8636	0.8386	1.0
123059270_13	14	05SEP13	09SEP13	81.9857	0.2282	0.3
123065540_13	46	14SEP13	07OCT13	82.3500	0.5390	0.7
123068590_13	70	19SEP13	29OCT13	80.5843	0.7814	1.0
123074200_13	57	11OCT13	21NOV13	81.9825	0.8335	1.0
123081680_13	65	23OCT13	19DEC13	79.9277	1.2574	1.6
123088410_13	47	22NOV13	20DEC13	80.7872	0.6046	0.7
123091660_13	24	05DEC13	13DEC13	79.7625	0.2060	0.3
123108820_14	74	06JAN14	06FEB14	80.5311	1.1450	1.4
123112720_14	65	24JAN14	08MAR14	80.7923	0.9538	1.2
123115720_14	41	30JAN14	15FEB14	81.1634	0.2022	0.2
123121360_14	57	23FEB14	30MAR14	80.2070	0.7764	1.0
123134180_14	21	15MAR14	22MAR14	79.9905	0.2700	0.3
123137140_14	64	19MAR14	21APR14	81.4391	0.8997	1.1
123141680_14	75	02APR14	11MAY14	80.9773	0.5797	0.7
123147730_14	23	26APR14	02MAY14	81.2130	0.2399	0.3
123146380_14	67	29APR14	07JUN14	82.1269	0.7151	0.9
123153670_14	60	21MAY14	24JUN14	81.5000	0.6682	0.8
123156150_14	24	29MAY14	02JUN14	82.2208	0.2766	0.3
123163220_14	63	11JUN14	26JUL14	81.6762	0.6928	0.8
123170050_14	32	12JUL14	04AUG14	80.7438	0.6520	0.8
123170030_14	57	16JUL14	12AUG14	83.0684	1.0600	1.3
123170080_14	115	30JUL14	25SEP14	81.4922	1.1455	1.4
123170100_14	8	01AUG14	11AUG14	79.0750	0.8531	1.1
123170110_14	65	27AUG14	07OCT14	81.7708	1.1719	1.4
123170130_14	40	18SEP14	30SEP14	83.3300	0.5849	0.7
123170160_14	109	30SEP14	10NOV14	82.6404	1.3686	1.7
123170230_14	90	05NOV14	17DEC14	83.5756	0.8948	1.1
123170210_14	22	10NOV14	16NOV14	80.3409	0.4758	0.6
123170260_14	20	07DEC14	14DEC14	82.3950	0.2395	0.3
123170290_15	16	03JAN15	17JAN15	84.9188	0.2509	0.3
123170340_15	57	09JAN15	27JAN15	82.1912	0.7654	0.9
123170390_15	6	26JAN15	27JAN15	82.5667	0.2066	0.3


Mean cell volume (fL) (Lvl 1) Quality Control
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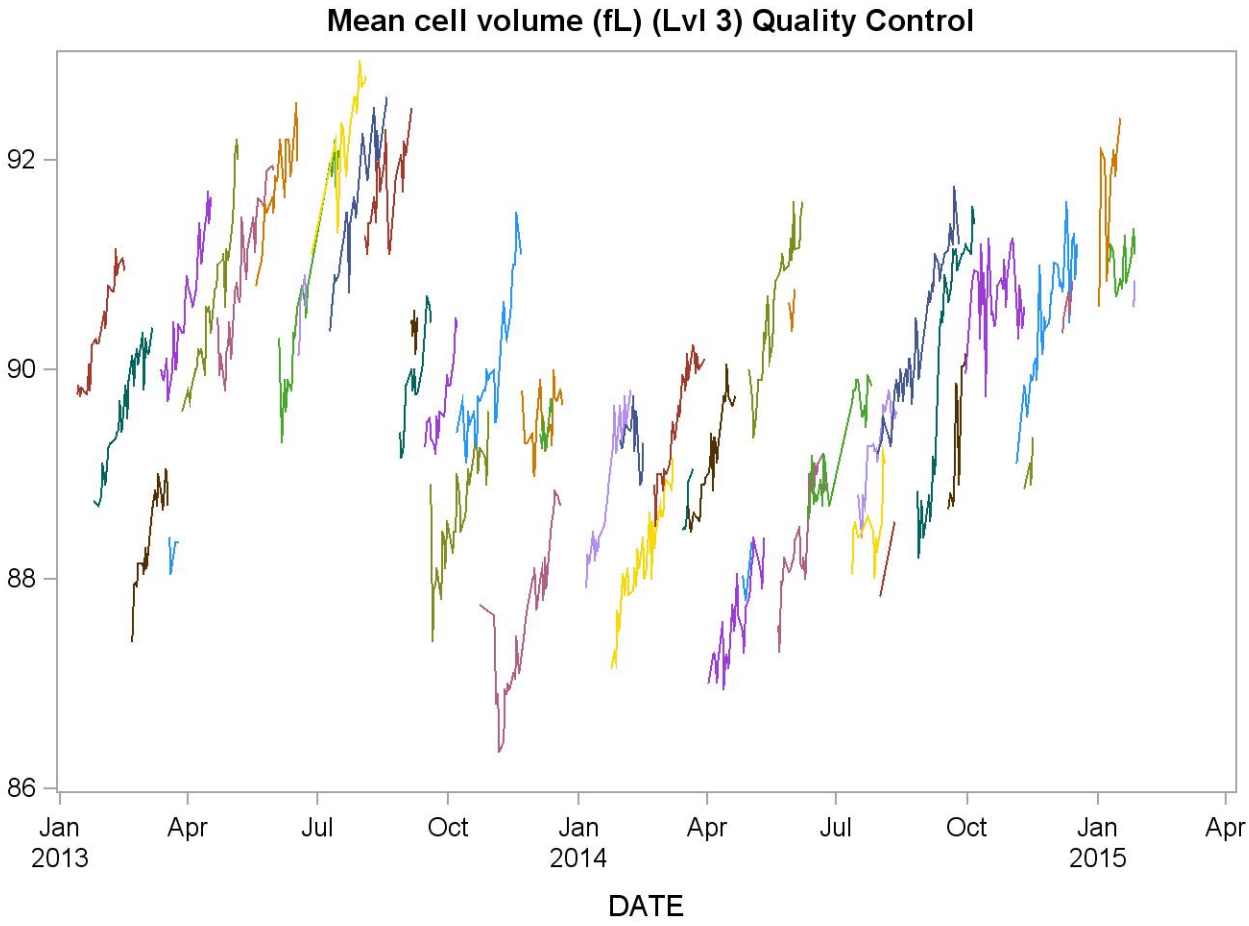
Summary Statistics for Mean cell volume (fL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	92.0800	0.1924	0.2
132970940_13	65	13JAN13	15FEB13	89.8538	0.5940	0.7
132976140_13	61	25JAN13	07MAR13	91.7607	0.5229	0.6
132984140_13	56	21FEB13	16MAR13	87.6321	0.4529	0.5
132994700_13	61	13MAR13	17APR13	91.8672	0.5085	0.6
132999690_13	12	19MAR13	26MAR13	87.5833	0.2517	0.3
132996520_13	60	28MAR13	06MAY13	90.3983	0.5476	0.6
133008010_13	79	22APR13	30MAY13	90.7823	0.5043	0.6
133014400_13	56	19MAY13	17JUN13	92.6500	0.5414	0.6
133024770_13	45	04JUN13	16JUL13	90.5089	0.5497	0.6
133029570_13	21	17JUN13	23JUN13	90.0000	0.2074	0.2
133030790_13	33	27JUN13	04AUG13	90.3152	0.5985	0.7
133037020_13	71	10JUL13	19AUG13	90.1282	0.5607	0.6
133048140_13	69	03AUG13	05SEP13	89.8232	0.3667	0.4
133059970_13	49	28AUG13	19SEP13	90.6755	0.5626	0.6
133061570_13	20	05SEP13	09SEP13	91.0450	0.2328	0.3
133065550_13	50	14SEP13	07OCT13	90.2420	0.3345	0.4
133068600_13	74	19SEP13	29OCT13	88.8149	0.4604	0.5
133074210_13	62	07OCT13	21NOV13	90.8806	0.5816	0.6
133081690_13	64	23OCT13	19DEC13	88.3406	0.6039	0.7
133088420_13	49	22NOV13	20DEC13	88.9469	0.3209	0.4
133091670_13	27	05DEC13	13DEC13	89.4889	0.2486	0.3
133108830_14	84	06JAN14	10FEB14	89.7155	0.7484	0.8
133112730_14	66	24JAN14	08MAR14	88.7727	0.5394	0.6
133115730_14	45	30JAN14	15FEB14	88.2222	0.2811	0.3
133121370_14	60	23FEB14	30MAR14	89.6683	0.5196	0.6
133134190_14	23	15MAR14	22MAR14	88.8522	0.2086	0.2
133137150_14	68	19MAR14	21APR14	88.6412	0.4019	0.5
133141690_14	79	02APR14	11MAY14	89.0241	0.3749	0.4
133147740_14	24	26APR14	02MAY14	88.3417	0.2781	0.3
133146390_14	65	29APR14	07JUN14	90.1585	0.4538	0.5
133153680_14	69	21MAY14	24JUN14	88.0043	0.4316	0.5
133156160_14	24	29MAY14	02JUN14	90.0708	0.2562	0.3
133163230_14	73	11JUN14	26JUL14	88.8233	0.4211	0.5
133180050_14	32	12JUL14	04AUG14	87.3000	0.3203	0.4
133180030_14	57	16JUL14	12AUG14	89.5018	0.3903	0.4
133180080_14	108	30JUL14	25SEP14	88.7639	0.5299	0.6
133180100_14	8	01AUG14	11AUG14	88.5250	0.4234	0.5
133180110_14	64	27AUG14	07OCT14	89.9578	1.1228	1.2
133180130_14	42	18SEP14	30SEP14	90.2857	0.5404	0.6
133180160_14	104	30SEP14	10NOV14	89.4490	0.8432	0.9
133180230_14	86	05NOV14	17DEC14	90.8570	0.5730	0.6
133180210_14	20	10NOV14	16NOV14	88.4200	0.2526	0.3
133180260_14	20	07DEC14	14DEC14	90.5450	0.2417	0.3
133180290_15	23	02JAN15	17JAN15	91.7913	0.4481	0.5
133180340_15	57	09JAN15	27JAN15	90.5544	0.4297	0.5
133180390_15	6	26JAN15	27JAN15	89.8500	0.2510	0.3


Mean cell volume (fL) (Lvl 2) Quality Control
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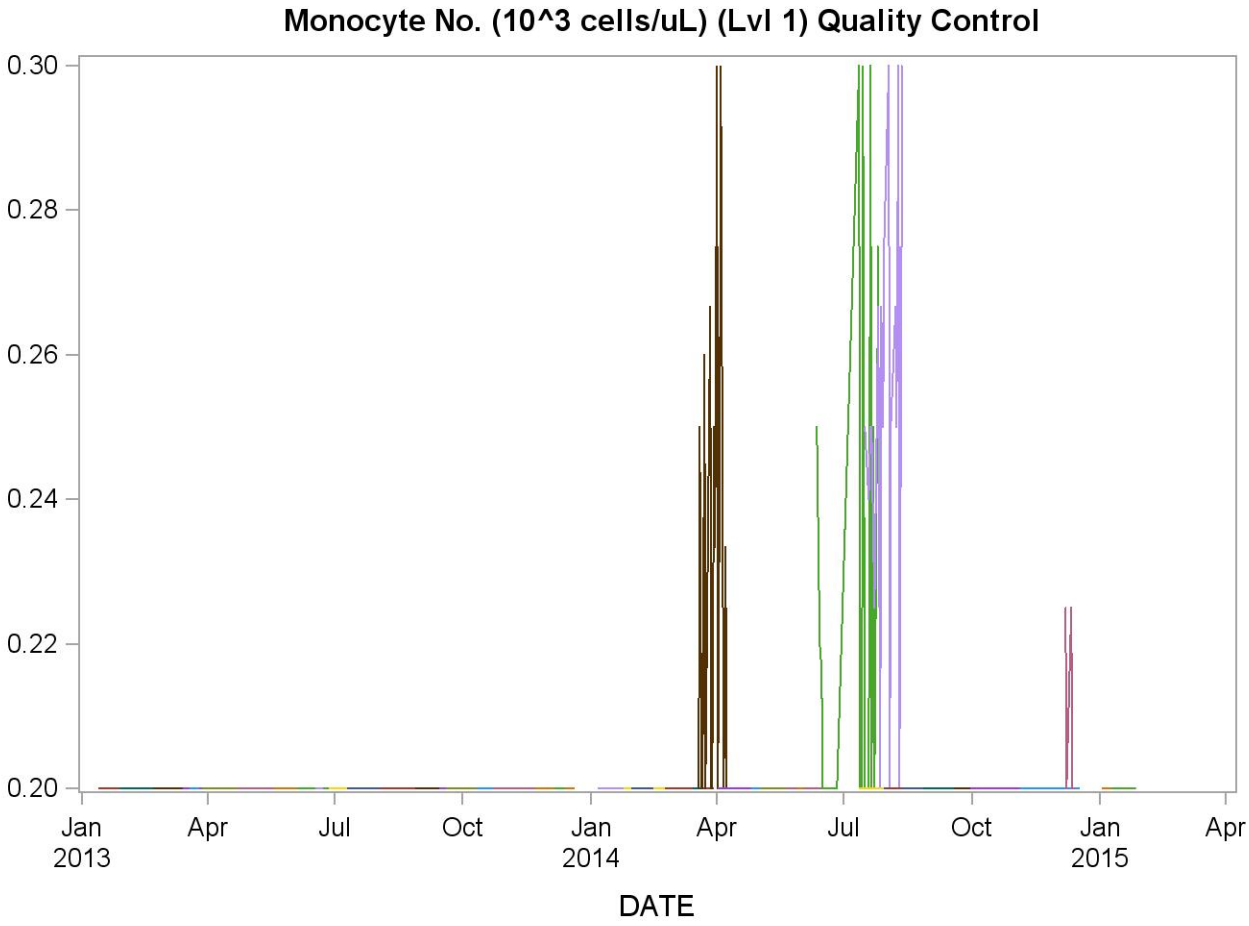
Summary Statistics for Mean cell volume (fL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	91.5500	0.1291	0.1
142970950_13	63	13JAN13	15FEB13	90.2825	0.5709	0.6
142976150_13	58	25JAN13	07MAR13	89.6655	0.5190	0.6
142984150_13	58	21FEB13	18MAR13	88.4862	0.4904	0.6
142994710_13	59	13MAR13	17APR13	90.5932	0.6502	0.7
142999700_13	13	19MAR13	26MAR13	88.3154	0.2193	0.2
142996530_13	55	28MAR13	06MAY13	90.7200	0.6897	0.8
143008020_13	96	22APR13	31MAY13	90.9250	0.5806	0.6
143014410_13	50	19MAY13	17JUN13	91.8120	0.4516	0.5
143024780_13	49	04JUN13	16JUL13	90.6939	0.8757	1.0
143029580_13	21	17JUN13	23JUN13	90.3048	0.3201	0.4
143030800_13	32	27JUN13	04AUG13	92.3625	0.4682	0.5
143037030_13	64	10JUL13	19AUG13	91.5563	0.7542	0.8
143048150_13	65	03AUG13	05SEP13	91.5446	0.4373	0.5
143059980_13	48	28AUG13	19SEP13	89.8729	0.5185	0.6
143061580_13	15	05SEP13	09SEP13	90.4000	0.2171	0.2
143065560_13	47	14SEP13	07OCT13	89.5723	0.3616	0.4
143068610_13	62	19SEP13	29OCT13	88.6823	0.5844	0.7
143074220_13	59	07OCT13	21NOV13	90.0424	0.6476	0.7
143081700_13	62	23OCT13	19DEC13	87.6500	0.7559	0.9
143088430_13	61	22NOV13	20DEC13	89.4820	0.5781	0.6
143091680_13	25	05DEC13	13DEC13	89.4600	0.2630	0.3
143108840_14	71	06JAN14	06FEB14	88.6465	0.6533	0.7
143112740_14	61	24JAN14	08MAR14	88.2262	0.5269	0.6
143115740_14	42	30JAN14	15FEB14	89.3310	0.2523	0.3
143121380_14	57	23FEB14	30MAR14	89.6070	0.5133	0.6
143134200_14	20	15MAR14	22MAR14	88.6350	0.2961	0.3
143137160_14	54	19MAR14	21APR14	89.1500	0.4855	0.5
143141700_14	74	02APR14	11MAY14	87.5365	0.4462	0.5
143147750_14	22	26APR14	02MAY14	88.0318	0.2715	0.3
143146400_14	59	30APR14	07JUN14	90.5627	0.7015	0.8
143153690_14	58	21MAY14	24JUN14	88.4069	0.5184	0.6
143156170_14	24	29MAY14	02JUN14	90.5583	0.2669	0.3
143163240_14	62	11JUN14	26JUL14	89.1113	0.5099	0.6
143190050_14	34	12JUL14	04AUG14	88.5235	0.3456	0.4
143190030_14	54	16JUL14	12AUG14	89.2630	0.4401	0.5
143190080_14	98	30JUL14	25SEP14	90.1459	0.6983	0.8
143190100_14	8	01AUG14	11AUG14	88.2750	0.3991	0.5
143190110_14	65	27AUG14	07OCT14	90.1231	1.1244	1.2
143190130_14	40	18SEP14	30SEP14	89.2750	0.6105	0.7
143190160_14	100	30SEP14	10NOV14	90.7340	0.8084	0.9
143190230_14	85	05NOV14	17DEC14	90.6647	0.5826	0.6
143190210_14	20	10NOV14	16NOV14	88.9650	0.2390	0.3
143190260_14	21	07DEC14	14DEC14	90.6095	0.1998	0.2
143190290_15	17	02JAN15	17JAN15	91.8176	0.6541	0.7
143190340_15	56	09JAN15	27JAN15	91.0089	0.4941	0.5
143190390_15	6	26JAN15	27JAN15	90.7667	0.2733	0.3


Mean cell volume (fL) (Lvl 3) Quality Control
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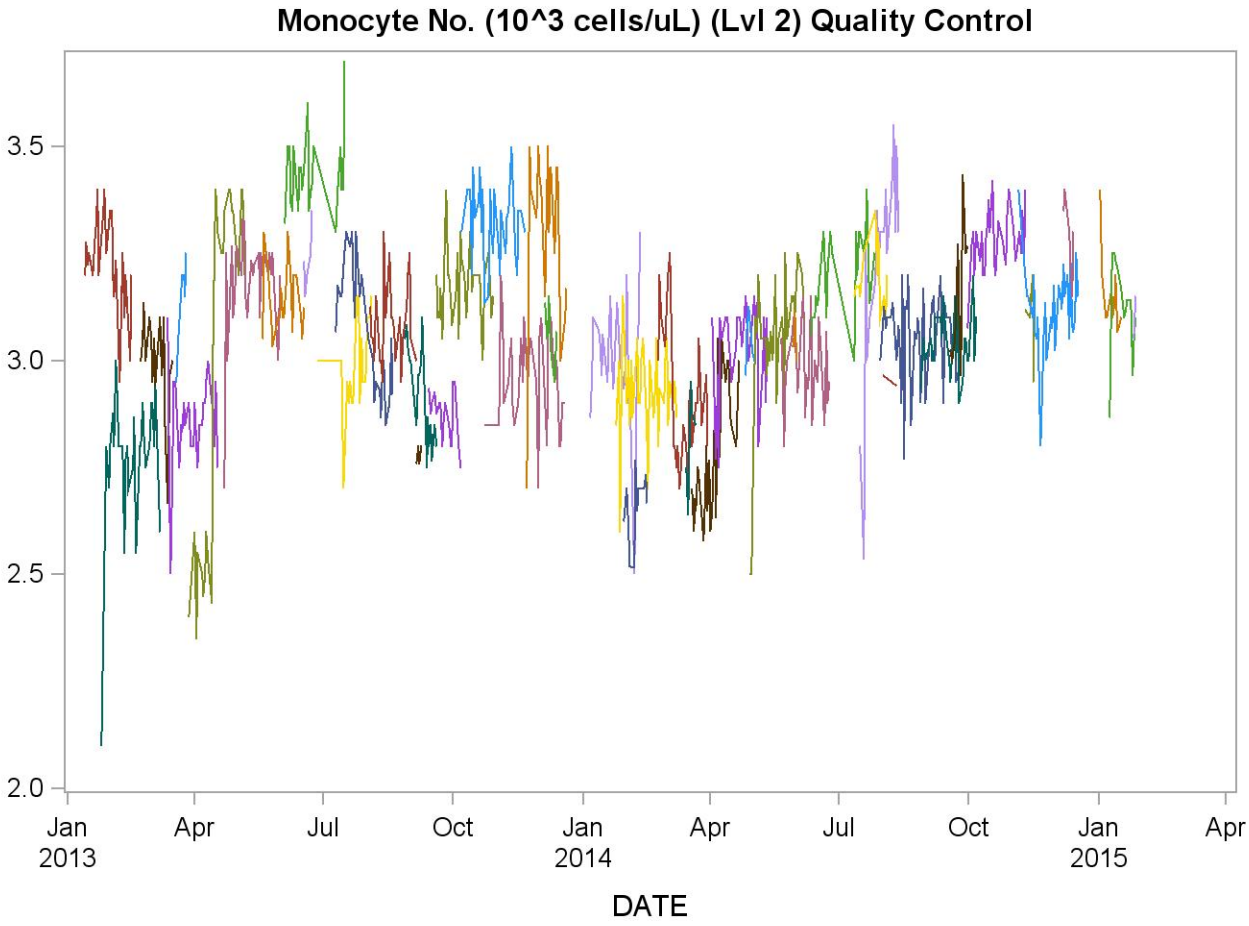
Summary Statistics for Monocyte No. (10^3 cells/uL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	0.2000	0.0000	0.0
122970930_13	65	13JAN13	15FEB13	0.2000	0.0000	0.0
122976130_13	54	28JAN13	07MAR13	0.2000	0.0000	0.0
122984130_13	53	21FEB13	18MAR13	0.2000	0.0000	0.0
122994690_13	55	14MAR13	17APR13	0.2000	0.0000	0.0
122999670_13	12	19MAR13	26MAR13	0.2000	0.0000	0.0
122996510_13	51	28MAR13	06MAY13	0.2000	0.0000	0.0
123008000_13	79	22APR13	31MAY13	0.2000	0.0000	0.0
123014390_13	50	19MAY13	17JUN13	0.2000	0.0000	0.0
123024760_13	44	04JUN13	16JUL13	0.2000	0.0000	0.0
123029560_13	21	17JUN13	23JUN13	0.2000	0.0000	0.0
123030780_13	33	27JUN13	04AUG13	0.2000	0.0000	0.0
123037010_13	56	10JUL13	19AUG13	0.2000	0.0000	0.0
123048130_13	63	03AUG13	05SEP13	0.2000	0.0000	0.0
123059960_13	44	28AUG13	19SEP13	0.2000	0.0000	0.0
123059270_13	14	05SEP13	09SEP13	0.2000	0.0000	0.0
123065540_13	46	14SEP13	07OCT13	0.2000	0.0000	0.0
123068590_13	70	19SEP13	29OCT13	0.2000	0.0000	0.0
123074200_13	56	11OCT13	21NOV13	0.2000	0.0000	0.0
123081680_13	64	23OCT13	19DEC13	0.2000	0.0000	0.0
123088410_13	46	22NOV13	20DEC13	0.2000	0.0000	0.0
123091660_13	24	05DEC13	13DEC13	0.2000	0.0000	0.0
123108820_14	73	06JAN14	06FEB14	0.2000	0.0000	0.0
123112720_14	63	24JAN14	08MAR14	0.2000	0.0000	0.0
123115720_14	40	30JAN14	15FEB14	0.2000	0.0000	0.0
123121360_14	57	23FEB14	30MAR14	0.2000	0.0000	0.0
123134180_14	20	15MAR14	22MAR14	0.2000	0.0000	0.0
123137140_14	64	19MAR14	21APR14	0.2203	0.0406	18.4
123141680_14	73	02APR14	11MAY14	0.2000	0.0000	0.0
123147730_14	23	26APR14	02MAY14	0.2000	0.0000	0.0
123146380_14	67	29APR14	07JUN14	0.2000	0.0000	0.0
123153670_14	58	21MAY14	24JUN14	0.2000	0.0000	0.0
123156150_14	24	29MAY14	02JUN14	0.2000	0.0000	0.0
123163220_14	62	11JUN14	26JUL14	0.2226	0.0422	18.9
123170050_14	32	12JUL14	04AUG14	0.2000	0.0000	0.0
123170030_14	57	16JUL14	12AUG14	0.2544	0.0503	19.8
123170080_14	110	30JUL14	25SEP14	0.2000	0.0000	0.0
123170100_14	8	01AUG14	11AUG14	0.2000	0.0000	0.0
123170110_14	64	27AUG14	07OCT14	0.2000	0.0000	0.0
123170130_14	39	18SEP14	30SEP14	0.2000	0.0000	0.0
123170160_14	108	30SEP14	10NOV14	0.2000	0.0000	0.0
123170230_14	89	05NOV14	17DEC14	0.2000	0.0000	0.0
123170210_14	21	10NOV14	16NOV14	0.2000	0.0000	0.0
123170260_14	20	07DEC14	14DEC14	0.2100	0.0308	14.7
123170290_15	17	02JAN15	17JAN15	0.2000	0.0000	0.0
123170340_15	57	09JAN15	27JAN15	0.2000	0.0000	0.0
123170390_15	6	26JAN15	27JAN15	0.2000	0.0000	0.0


Monocyte No. (10^3 cells/uL) (Lvl 1) Quality Control
0.30
0.28
0.26
0.24
0.22
0.20
Jan
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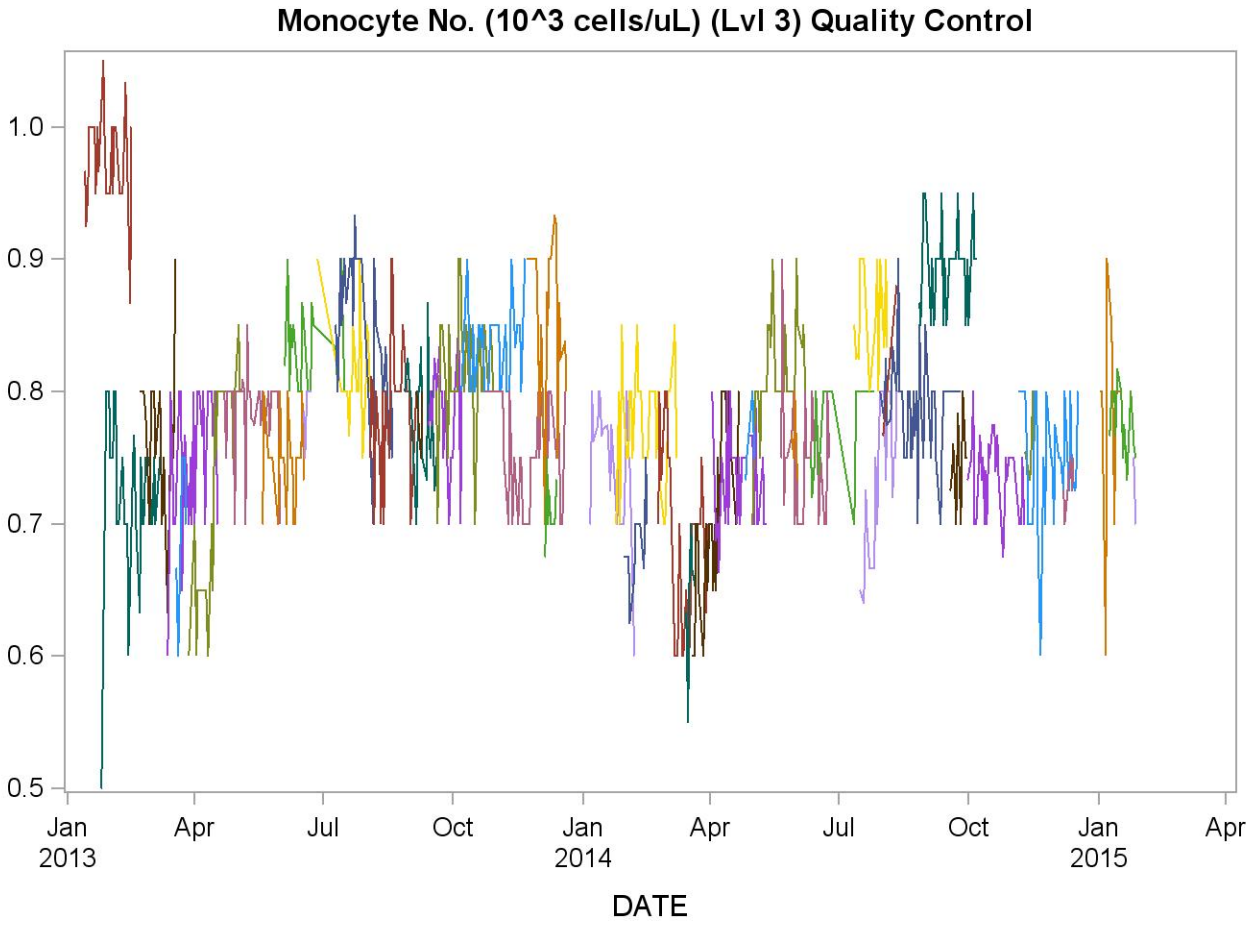
Summary Statistics for Monocyte No. (10^3 cells/uL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	3.2400	0.2191	6.8
132970940_13	64	13JAN13	15FEB13	3.2313	0.1680	5.2
132976140_13	61	25JAN13	07MAR13	2.7918	0.1542	5.5
132984140_13	56	21FEB13	16MAR13	2.9804	0.1589	5.3
132994700_13	60	13MAR13	17APR13	2.8400	0.1564	5.5
132999690_13	12	19MAR13	26MAR13	3.1333	0.1614	5.2
132996520_13	60	28MAR13	06MAY13	2.9900	0.4229	14.1
133008010_13	80	22APR13	31MAY13	3.2138	0.1366	4.3
133014400_13	56	19MAY13	17JUN13	3.1321	0.1029	3.3
133024770_13	45	04JUN13	16JUL13	3.4178	0.1403	4.1
133029570_13	21	17JUN13	23JUN13	3.2333	0.1017	3.1
133030790_13	33	27JUN13	04AUG13	2.9909	0.1308	4.4
133037020_13	71	10JUL13	19AUG13	3.0563	0.1722	5.6
133048140_13	68	03AUG13	05SEP13	3.0824	0.1196	3.9
133059970_13	48	28AUG13	19SEP13	2.9417	0.1699	5.8
133061570_13	20	05SEP13	09SEP13	2.7800	0.0834	3.0
133065550_13	48	14SEP13	07OCT13	2.8729	0.1106	3.8
133068600_13	72	19SEP13	29OCT13	3.1694	0.1158	3.7
133074210_13	62	07OCT13	21NOV13	3.3194	0.1239	3.7
133081690_13	63	23OCT13	19DEC13	2.9683	0.1446	4.9
133088420_13	48	22NOV13	20DEC13	3.3083	0.2162	6.5
133091670_13	27	05DEC13	13DEC13	3.0704	0.1325	4.3
133108830_14	83	06JAN14	10FEB14	3.0265	0.1624	5.4
133112730_14	65	24JAN14	08MAR14	2.9231	0.1589	5.4
133115730_14	45	30JAN14	15FEB14	2.6378	0.1403	5.3
133121370_14	60	23FEB14	30MAR14	2.9217	0.1958	6.7
133134190_14	23	15MAR14	22MAR14	2.7957	0.1461	5.2
133137150_14	67	19MAR14	21APR14	2.7672	0.2099	7.6
133141690_14	79	02APR14	11MAY14	2.9722	0.1987	6.7
133147740_14	24	26APR14	02MAY14	3.0333	0.1129	3.7
133146390_14	65	29APR14	07JUN14	3.0231	0.2213	7.3
133153680_14	68	21MAY14	24JUN14	2.9750	0.1297	4.4
133156160_14	24	29MAY14	02JUN14	3.0417	0.1100	3.6
133163230_14	73	11JUN14	26JUL14	3.1726	0.1407	4.4
133180050_14	32	12JUL14	04AUG14	3.1906	0.1058	3.3
133180030_14	56	16JUL14	12AUG14	3.1196	0.3645	11.7
133180080_14	107	30JUL14	25SEP14	3.0477	0.1488	4.9
133180100_14	8	01AUG14	11AUG14	2.9500	0.0926	3.1
133180110_14	63	27AUG14	07OCT14	3.0317	0.1045	3.4
133180130_14	42	18SEP14	30SEP14	3.1357	0.1679	5.4
133180160_14	101	30SEP14	10NOV14	3.2782	0.1433	4.4
133180230_14	86	05NOV14	17DEC14	3.1198	0.1437	4.6
133180210_14	20	10NOV14	16NOV14	3.1100	0.1119	3.6
133180260_14	20	07DEC14	14DEC14	3.2750	0.1333	4.1
133180290_15	23	02JAN15	17JAN15	3.1348	0.0982	3.1
133180340_15	57	09JAN15	27JAN15	3.1263	0.1598	5.1
133180390_15	6	26JAN15	27JAN15	3.1167	0.1169	3.8


Monocyte No. (10^3 cells/uL) (Lvl 2) Quality Control
3.5
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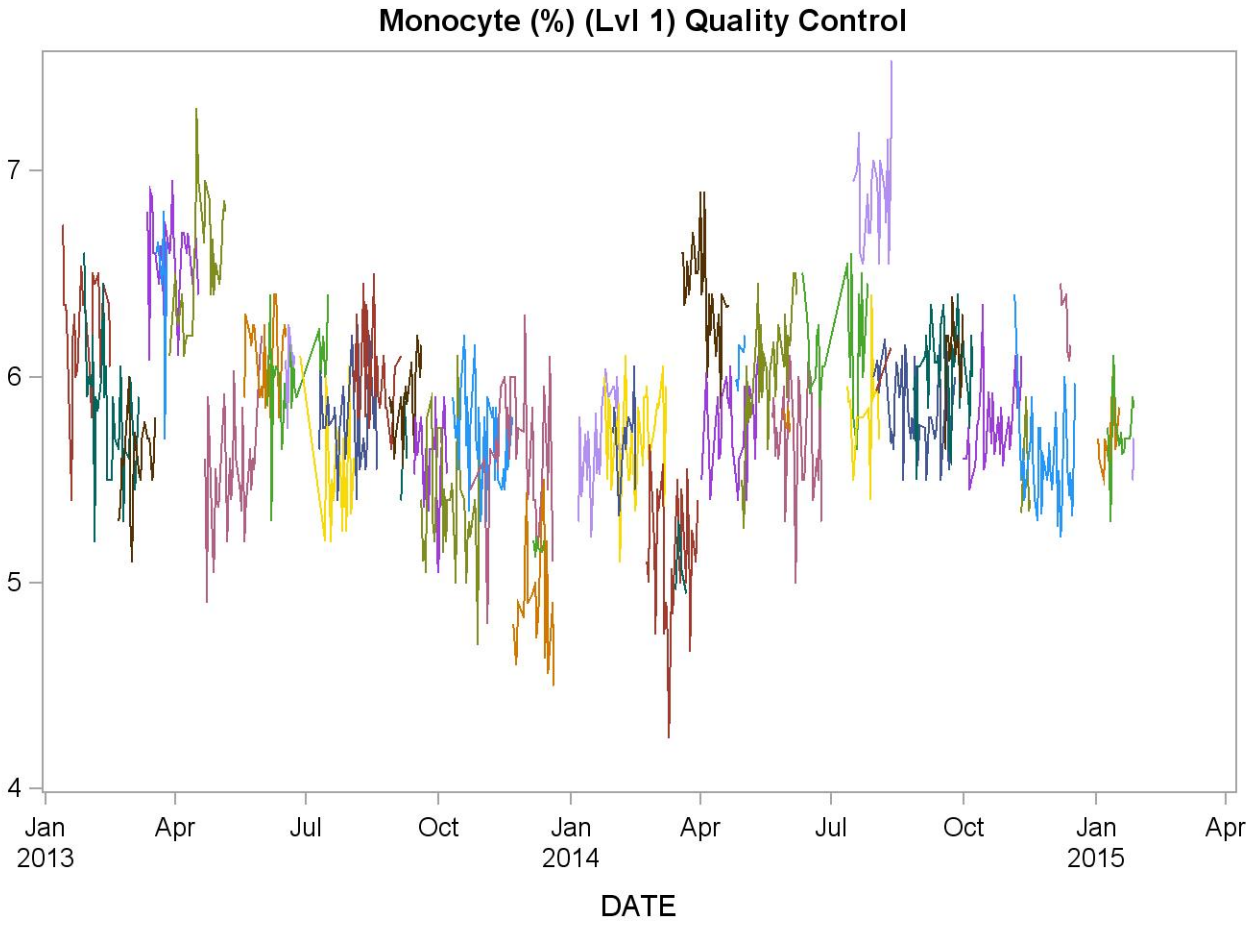
Summary Statistics for Monocyte No. (10^3 cells/uL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	0.8500	0.0577	6.8
142970950_13	63	13JAN13	15FEB13	0.9746	0.0647	6.6
142976150_13	58	25JAN13	07MAR13	0.7172	0.0679	9.5
142984150_13	58	21FEB13	18MAR13	0.7603	0.0674	8.9
142994710_13	59	13MAR13	17APR13	0.7441	0.0623	8.4
142999700_13	13	19MAR13	26MAR13	0.7000	0.0707	10.1
142996530_13	55	28MAR13	06MAY13	0.7418	0.0854	11.5
143008020_13	95	22APR13	31MAY13	0.7884	0.0502	6.4
143014410_13	50	19MAY13	17JUN13	0.7440	0.0501	6.7
143024780_13	48	04JUN13	16JUL13	0.8333	0.0476	5.7
143029580_13	21	17JUN13	23JUN13	0.7857	0.0359	4.6
143030800_13	32	27JUN13	04AUG13	0.8094	0.0466	5.8
143037030_13	63	10JUL13	19AUG13	0.8444	0.0667	7.9
143048150_13	65	03AUG13	05SEP13	0.7908	0.0522	6.6
143059980_13	48	28AUG13	19SEP13	0.7854	0.0618	7.9
143061580_13	15	05SEP13	09SEP13	0.7800	0.0561	7.2
143065560_13	46	14SEP13	07OCT13	0.7870	0.0499	6.3
143068610_13	62	19SEP13	29OCT13	0.8210	0.0547	6.7
143074220_13	58	07OCT13	21NOV13	0.8328	0.0509	6.1
143081700_13	62	23OCT13	19DEC13	0.7516	0.0565	7.5
143088430_13	61	22NOV13	20DEC13	0.8525	0.0868	10.2
143091680_13	25	05DEC13	13DEC13	0.7080	0.0572	8.1
143108840_14	71	06JAN14	06FEB14	0.7542	0.0648	8.6
143112740_14	61	24JAN14	08MAR14	0.7803	0.0542	6.9
143115740_14	42	30JAN14	15FEB14	0.6786	0.0520	7.7
143121380_14	57	23FEB14	30MAR14	0.6789	0.0700	10.3
143134200_14	20	15MAR14	22MAR14	0.6400	0.0681	10.6
143137160_14	53	19MAR14	21APR14	0.7019	0.0720	10.3
143141700_14	72	02APR14	11MAY14	0.7208	0.0627	8.7
143147750_14	22	26APR14	02MAY14	0.7591	0.0503	6.6
143146400_14	58	30APR14	07JUN14	0.8103	0.0519	6.4
143153690_14	57	21MAY14	24JUN14	0.7456	0.0537	7.2
143156170_14	24	29MAY14	02JUN14	0.7625	0.0495	6.5
143163240_14	62	11JUN14	26JUL14	0.7742	0.0477	6.2
143190050_14	34	12JUL14	04AUG14	0.8441	0.0561	6.6
143190030_14	54	16JUL14	12AUG14	0.7315	0.0748	10.2
143190080_14	98	30JUL14	25SEP14	0.7867	0.0490	6.2
143190100_14	8	01AUG14	11AUG14	0.8375	0.0916	10.9
143190110_14	65	27AUG14	07OCT14	0.8923	0.0510	5.7
143190130_14	40	18SEP14	30SEP14	0.7475	0.0554	7.4
143190160_14	99	30SEP14	10NOV14	0.7374	0.0527	7.1
143190230_14	85	05NOV14	17DEC14	0.7435	0.0544	7.3
143190210_14	20	10NOV14	16NOV14	0.7550	0.0510	6.8
143190260_14	21	07DEC14	14DEC14	0.7333	0.0483	6.6
143190290_15	17	02JAN15	17JAN15	0.7941	0.0827	10.4
143190340_15	56	09JAN15	27JAN15	0.7777	0.0456	5.9
143190390_15	6	26JAN15	27JAN15	0.7167	0.0408	5.7


Monocyte No. (10^3 cells/uL) (Lvl 3) Quality Control
1.0
0.9
0.8
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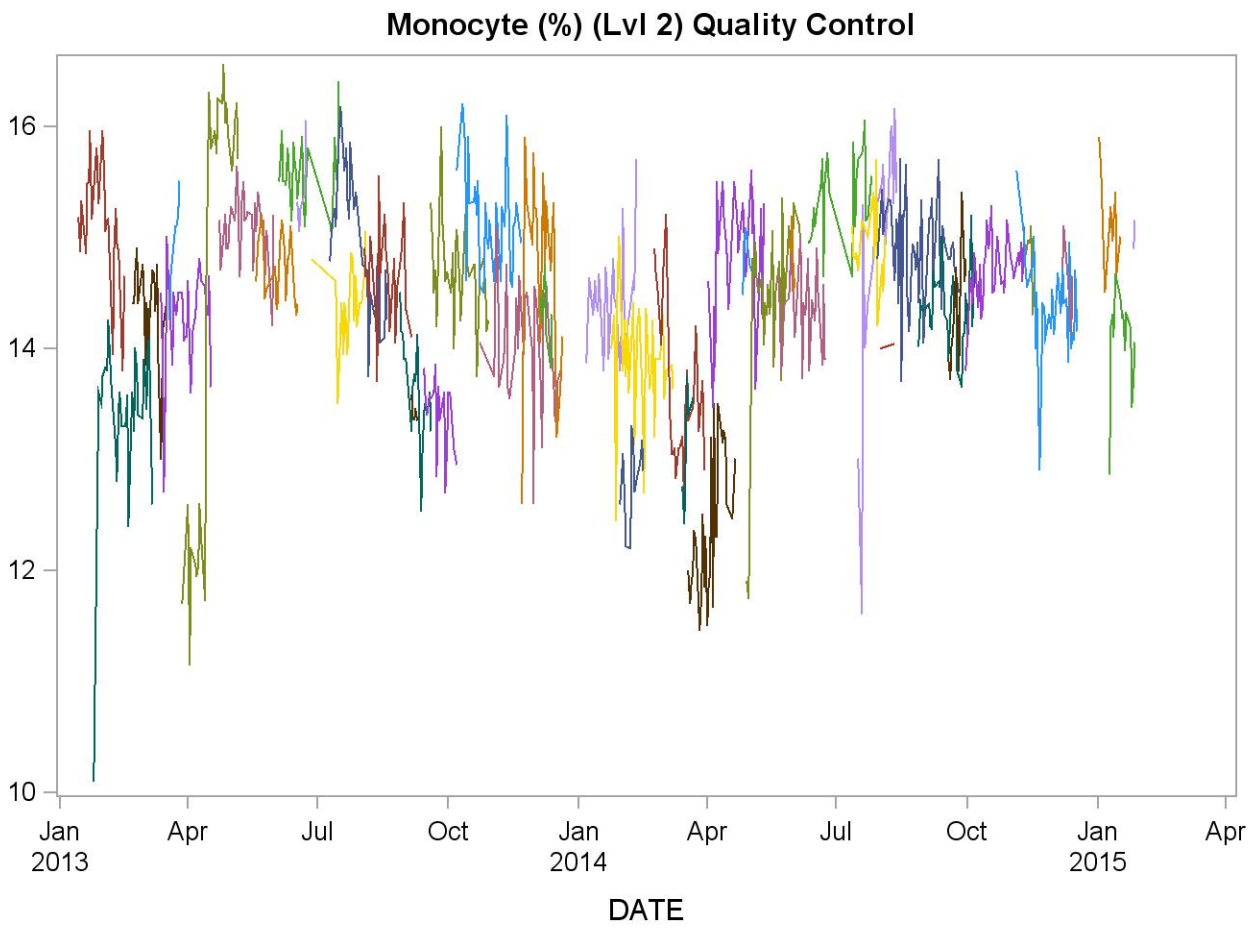
Summary Statistics for Monocyte (%) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	5.6667	0.3215	5.7
122970930_13	64	13JAN13	15FEB13	6.2281	0.3832	6.2
122976130_13	56	28JAN13	07MAR13	5.8536	0.4059	6.9
122984130_13	52	21FEB13	18MAR13	5.6019	0.3019	5.4
122994690_13	56	13MAR13	17APR13	6.5625	0.3488	5.3
122999670_13	12	19MAR13	26MAR13	6.4750	0.4351	6.7
122996510_13	54	28MAR13	06MAY13	6.5481	0.3970	6.1
123008000_13	80	22APR13	31MAY13	5.6094	0.3759	6.7
123014390_13	53	19MAY13	17JUN13	6.1377	0.2789	4.5
123024760_13	48	04JUN13	16JUL13	5.9771	0.2785	4.7
123029560_13	21	17JUN13	23JUN13	6.0619	0.3217	5.3
123030780_13	33	27JUN13	04AUG13	5.5273	0.3939	7.1
123037010_13	58	10JUL13	19AUG13	5.7845	0.3013	5.2
123048130_13	64	03AUG13	05SEP13	5.9688	0.2883	4.8
123059960_13	46	28AUG13	19SEP13	5.8717	0.2834	4.8
123059270_13	14	05SEP13	09SEP13	5.6571	0.2652	4.7
123065540_13	48	14SEP13	07OCT13	5.6000	0.3696	6.6
123068590_13	70	19SEP13	29OCT13	5.3714	0.4205	7.8
123074200_13	56	11OCT13	21NOV13	5.7054	0.3387	5.9
123081680_13	64	23OCT13	19DEC13	5.6547	0.2954	5.2
123088410_13	47	22NOV13	20DEC13	4.8957	0.3978	8.1
123091660_13	24	05DEC13	13DEC13	5.1792	0.2413	4.7
123108820_14	73	06JAN14	06FEB14	5.6644	0.4158	7.3
123112720_14	63	24JAN14	08MAR14	5.7206	0.3153	5.5
123115720_14	40	30JAN14	15FEB14	5.6775	0.2842	5.0
123121360_14	57	23FEB14	30MAR14	5.1421	0.4747	9.2
123134180_14	20	15MAR14	22MAR14	5.1350	0.2777	5.4
123137140_14	64	19MAR14	21APR14	6.4047	0.2973	4.6
123141680_14	74	02APR14	11MAY14	5.7405	0.3260	5.7
123147730_14	23	26APR14	02MAY14	6.0478	0.3102	5.1
123146380_14	66	30APR14	07JUN14	6.0273	0.3458	5.7
123153670_14	60	21MAY14	24JUN14	5.6967	0.3701	6.5
123156150_14	24	29MAY14	02JUN14	5.7917	0.2205	3.8
123163220_14	62	11JUN14	26JUL14	6.1710	0.3471	5.6
123170050_14	32	12JUL14	04AUG14	5.8219	0.3240	5.6
123170030_14	56	16JUL14	12AUG14	6.9232	0.3968	5.7
123170080_14	113	30JUL14	25SEP14	5.8655	0.3313	5.6
123170100_14	8	01AUG14	11AUG14	6.0625	0.2615	4.3
123170110_14	65	27AUG14	07OCT14	6.0415	0.3107	5.1
123170130_14	40	18SEP14	30SEP14	6.1375	0.3600	5.9
123170160_14	108	30SEP14	10NOV14	5.7722	0.2982	5.2
123170230_14	89	05NOV14	17DEC14	5.5528	0.3708	6.7
123170210_14	22	10NOV14	16NOV14	5.4455	0.3173	5.8
123170260_14	20	07DEC14	14DEC14	6.2600	0.3185	5.1
123170290_15	17	02JAN15	17JAN15	5.7412	0.2526	4.4
123170340_15	56	09JAN15	27JAN15	5.7411	0.2922	5.1
123170390_15	6	26JAN15	27JAN15	5.6333	0.2805	5.0


Monocyte (%) (Lvl 1) Quality Control
7
6
5
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Jan
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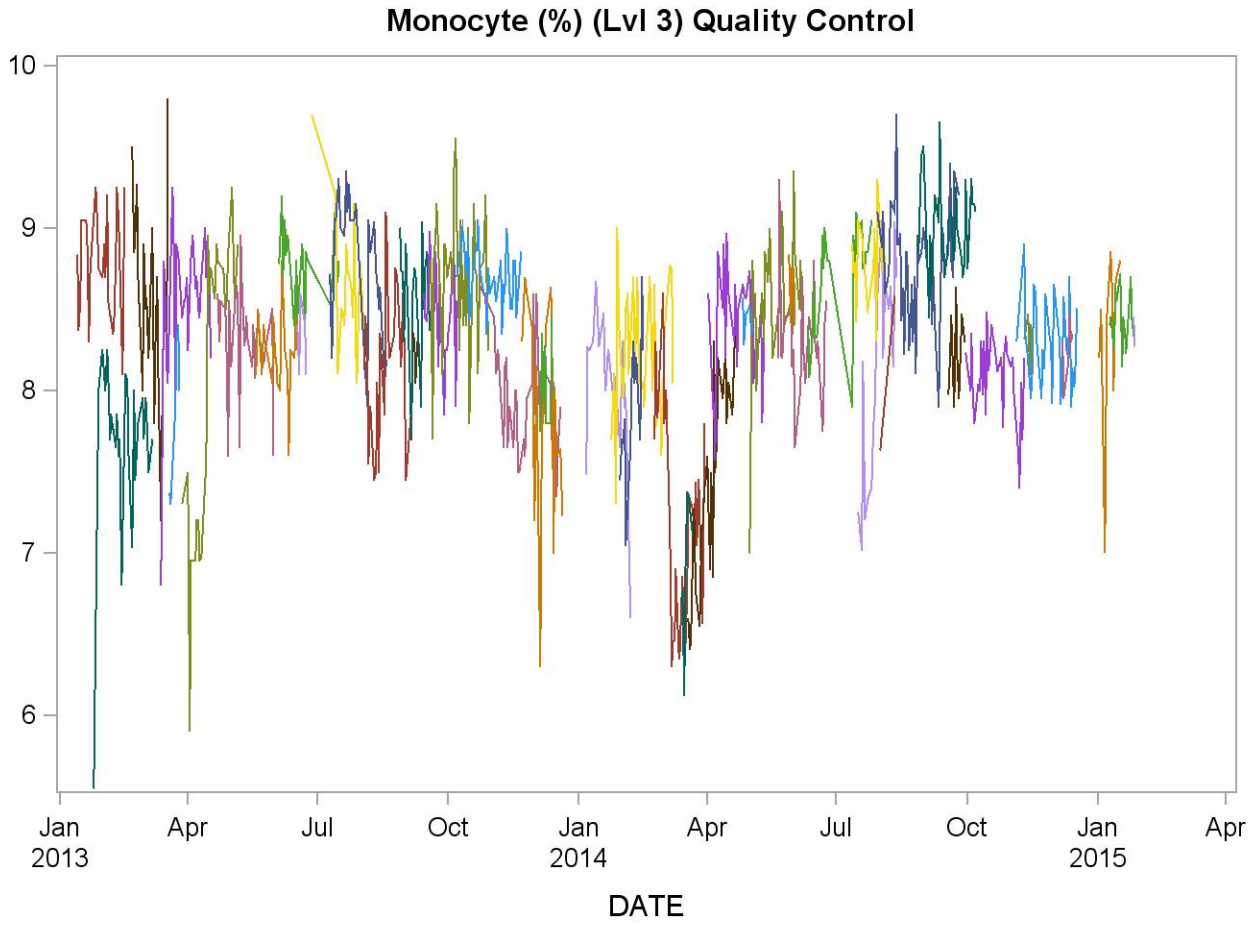
Summary Statistics for Monocyte (%) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	15.2800	0.9257	6.1
132970940_13	64	13JAN13	15FEB13	15.1516	0.7866	5.2
132976140_13	64	25JAN13	07MAR13	13.4797	0.6974	5.2
132984140_13	56	21FEB13	16MAR13	14.3304	0.6199	4.3
132994700_13	60	13MAR13	17APR13	14.2750	0.7355	5.2
132999690_13	12	19MAR13	26MAR13	14.9667	0.7037	4.7
132996520_13	61	28MAR13	06MAY13	14.4377	2.0063	13.9
133008010_13	79	23APR13	31MAY13	15.1772	0.5257	3.5
133014400_13	57	19MAY13	17JUN13	14.6228	0.4285	2.9
133024770_13	49	04JUN13	16JUL13	15.5265	0.5380	3.5
133029570_13	21	17JUN13	23JUN13	15.3619	0.5408	3.5
133030790_13	33	27JUN13	04AUG13	14.4000	0.4918	3.4
133037020_13	74	10JUL13	19AUG13	14.8473	0.7855	5.3
133048140_13	68	03AUG13	05SEP13	14.6522	0.5047	3.4
133059970_13	52	28AUG13	19SEP13	13.6788	0.7116	5.2
133061570_13	20	05SEP13	09SEP13	13.4300	0.3614	2.7
133065550_13	50	14SEP13	07OCT13	13.4420	0.5218	3.9
133068600_13	72	19SEP13	29OCT13	14.6833	0.5449	3.7
133074210_13	62	07OCT13	21NOV13	15.1145	0.5313	3.5
133081690_13	63	23OCT13	19DEC13	14.0460	0.6542	4.7
133088420_13	49	22NOV13	20DEC13	14.7429	0.9489	6.4
133091670_13	27	05DEC13	13DEC13	14.3333	0.5724	4.0
133108830_14	82	06JAN14	10FEB14	14.3902	0.6974	4.8
133112730_14	66	24JAN14	08MAR14	13.8424	0.7734	5.6
133115730_14	45	30JAN14	15FEB14	12.7356	0.6749	5.3
133121370_14	60	23FEB14	30MAR14	13.6833	0.8891	6.5
133134190_14	23	15MAR14	22MAR14	13.0522	0.6868	5.3
133137150_14	67	19MAR14	21APR14	12.2896	0.9114	7.4
133141690_14	78	02APR14	11MAY14	14.6397	0.8845	6.0
133147740_14	24	26APR14	02MAY14	14.7833	0.5001	3.4
133146390_14	65	29APR14	07JUN14	14.3385	1.0687	7.5
133153680_14	70	21MAY14	24JUN14	14.3000	0.5467	3.8
133156160_14	24	29MAY14	02JUN14	14.8417	0.4652	3.1
133163230_14	75	11JUN14	26JUL14	15.2547	0.5843	3.8
133180050_14	32	12JUL14	04AUG14	14.8969	0.4915	3.3
133180030_14	56	16JUL14	12AUG14	14.4196	1.7084	11.8
133180080_14	107	30JUL14	25SEP14	14.9150	0.6643	4.5
133180100_14	8	01AUG14	11AUG14	14.0250	0.3808	2.7
133180110_14	64	27AUG14	07OCT14	14.3234	0.4793	3.3
133180130_14	42	18SEP14	30SEP14	14.3357	0.6238	4.4
133180160_14	101	30SEP14	10NOV14	14.6970	0.5986	4.1
133180230_14	85	05NOV14	17DEC14	14.3741	0.6122	4.3
133180210_14	20	10NOV14	16NOV14	14.8050	0.3980	2.7
133180260_14	20	07DEC14	14DEC14	14.5350	0.5393	3.7
133180290_15	23	02JAN15	17JAN15	15.0609	0.4325	2.9
133180340_15	57	09JAN15	27JAN15	14.1439	0.7248	5.1
133180390_15	6	26JAN15	27JAN15	15.0667	0.4967	3.3


Monocyte (%) (Lvl 2) Quality Control
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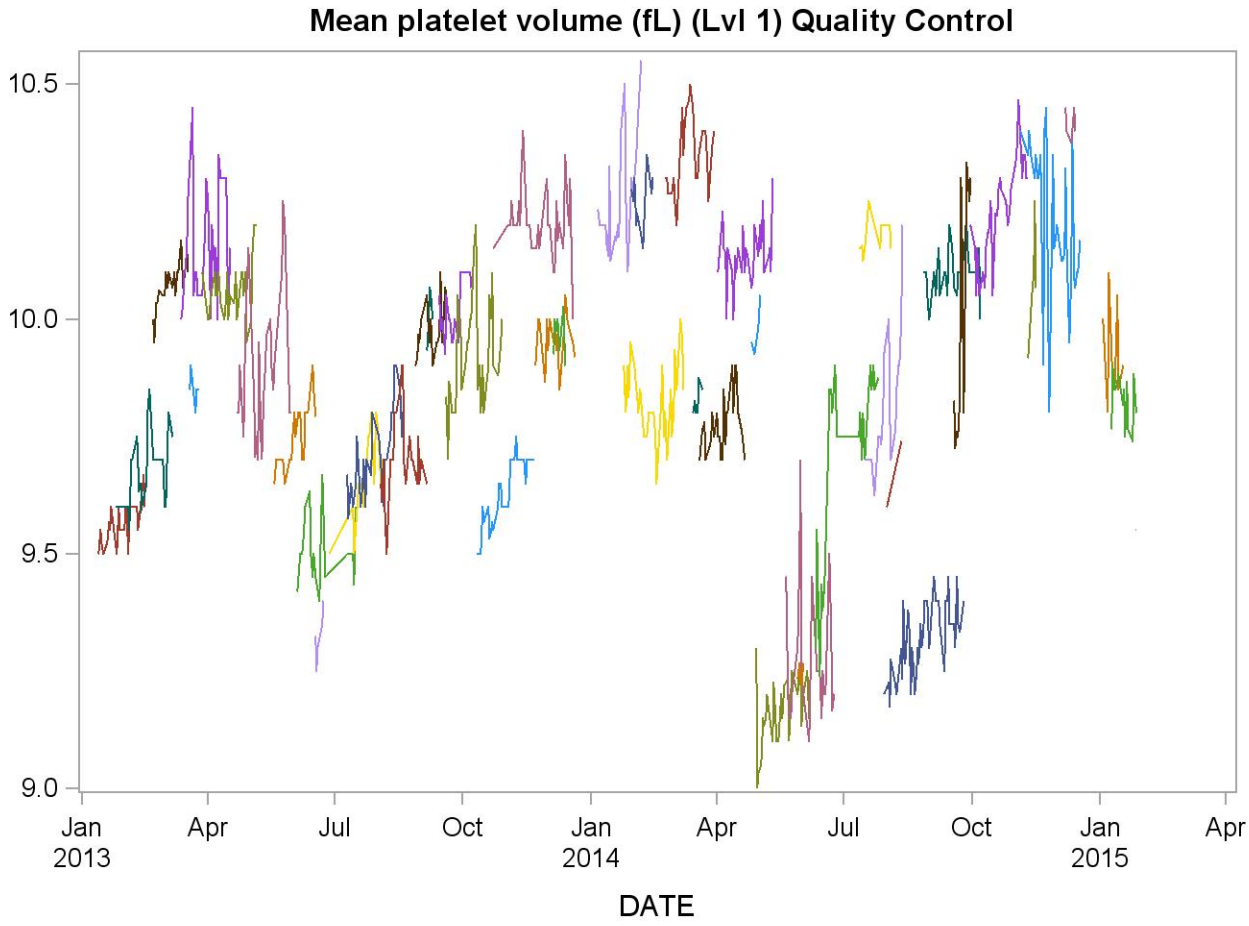
Summary Statistics for Monocyte (%) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	8.8250	0.1708	1.9
142970950_13	62	13JAN13	15FEB13	8.8065	0.4756	5.4
142976150_13	58	25JAN13	07MAR13	7.7017	0.5823	7.6
142984150_13	58	21FEB13	18MAR13	8.4983	0.7010	8.2
142994710_13	59	13MAR13	17APR13	8.5237	0.5227	6.1
142999700_13	13	19MAR13	26MAR13	7.8385	0.6063	7.7
142996530_13	56	28MAR13	06MAY13	8.1571	0.8868	10.9
143008020_13	95	22APR13	31MAY13	8.3895	0.4650	5.5
143014410_13	51	19MAY13	17JUN13	8.2412	0.2899	3.5
143024780_13	49	04JUN13	16JUL13	8.7388	0.3019	3.5
143029580_13	21	17JUN13	23JUN13	8.3619	0.3640	4.4
143030800_13	32	27JUN13	04AUG13	8.5906	0.4553	5.3
143037030_13	64	10JUL13	19AUG13	8.7750	0.4970	5.7
143048150_13	66	03AUG13	05SEP13	8.2258	0.4962	6.0
143059980_13	48	28AUG13	19SEP13	8.5750	0.4489	5.2
143061580_13	15	05SEP13	09SEP13	8.3000	0.3910	4.7
143065560_13	47	14SEP13	07OCT13	8.5128	0.3803	4.5
143068610_13	62	19SEP13	29OCT13	8.7355	0.4818	5.5
143074220_13	58	07OCT13	21NOV13	8.6810	0.3436	4.0
143081700_13	62	23OCT13	19DEC13	7.9484	0.4941	6.2
143088430_13	61	22NOV13	20DEC13	7.8590	0.7667	9.8
143091680_13	25	05DEC13	13DEC13	8.0120	0.5464	6.8
143108840_14	70	06JAN14	06FEB14	8.1486	0.5607	6.9
143112740_14	61	24JAN14	08MAR14	8.2721	0.4882	5.9
143115740_14	42	30JAN14	15FEB14	7.7952	0.5687	7.3
143121380_14	57	23FEB14	30MAR14	7.1474	0.7079	9.9
143134200_14	20	15MAR14	22MAR14	6.9000	0.6358	9.2
143137160_14	53	19MAR14	21APR14	7.4491	0.6678	9.0
143141700_14	72	02APR14	11MAY14	8.2514	0.5965	7.2
143147750_14	22	26APR14	02MAY14	8.4455	0.3405	4.0
143146400_14	58	01MAY14	07JUN14	8.4948	0.5083	6.0
143153690_14	57	21MAY14	24JUN14	8.2719	0.3760	4.5
143156170_14	24	29MAY14	02JUN14	8.6375	0.4009	4.6
143163240_14	62	11JUN14	26JUL14	8.5855	0.4401	5.1
143190050_14	34	12JUL14	04AUG14	8.7618	0.3643	4.2
143190030_14	54	16JUL14	12AUG14	8.1093	0.7582	9.3
143190080_14	97	30JUL14	25SEP14	8.7485	0.4792	5.5
143190100_14	8	01AUG14	11AUG14	8.2250	0.6563	8.0
143190110_14	65	27AUG14	07OCT14	8.9908	0.4422	4.9
143190130_14	39	18SEP14	30SEP14	8.2692	0.3585	4.3
143190160_14	97	30SEP14	10NOV14	8.1330	0.3576	4.4
143190230_14	84	05NOV14	17DEC14	8.2643	0.4035	4.9
143190210_14	20	10NOV14	16NOV14	8.3050	0.3762	4.5
143190260_14	21	07DEC14	14DEC14	8.2762	0.4194	5.1
143190290_15	17	02JAN15	17JAN15	8.4529	0.5100	6.0
143190340_15	55	09JAN15	27JAN15	8.4527	0.3271	3.9
143190390_15	6	26JAN15	27JAN15	8.3333	0.2658	3.2


Monocyte (%) (Lvl 3) Quality Control
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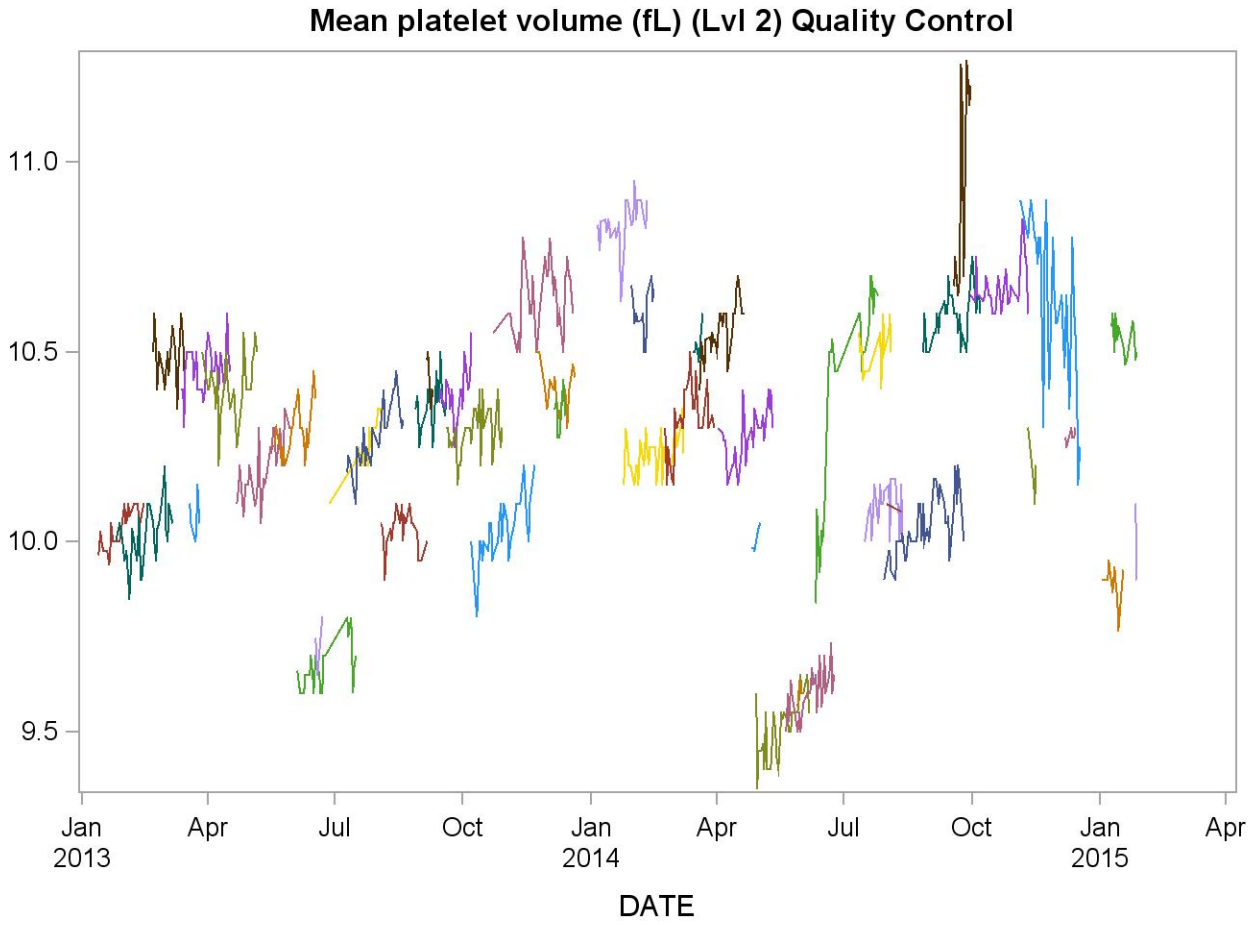
Summary Statistics for Mean platelet volume (fL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	10.0667	0.1155	1.1
122970930_13	65	13JAN13	15FEB13	9.5600	0.0725	0.8
122976130_13	57	25JAN13	07MAR13	9.6789	0.0861	0.9
122984130_13	53	21FEB13	18MAR13	10.0755	0.0875	0.9
122994690_13	56	13MAR13	17APR13	10.1446	0.1334	1.3
122999670_13	12	19MAR13	26MAR13	9.8500	0.0522	0.5
122996510_13	54	28MAR13	06MAY13	10.0685	0.0722	0.7
123008000_13	78	22APR13	31MAY13	9.8942	0.1791	1.8
123014390_13	52	19MAY13	17JUN13	9.7577	0.0848	0.9
123024760_13	45	04JUN13	16JUL13	9.5089	0.0949	1.0
123029560_13	21	17JUN13	23JUN13	9.3238	0.0625	0.7
123030780_13	33	27JUN13	04AUG13	9.6848	0.1004	1.0
123037010_13	57	10JUL13	19AUG13	9.7105	0.1030	1.1
123048130_13	65	03AUG13	05SEP13	9.6869	0.0894	0.9
123059960_13	45	28AUG13	19SEP13	9.9756	0.0857	0.9
123059270_13	14	05SEP13	09SEP13	9.9929	0.0730	0.7
123065540_13	46	14SEP13	07OCT13	10.0217	0.0841	0.8
123068590_13	68	19SEP13	29OCT13	9.9309	0.1330	1.3
123074200_13	56	11OCT13	21NOV13	9.6268	0.0820	0.9
123081680_13	65	23OCT13	19DEC13	10.2108	0.0831	0.8
123088410_13	47	22NOV13	20DEC13	9.9596	0.0712	0.7
123091660_13	24	05DEC13	13DEC13	9.9667	0.0761	0.8
123108820_14	73	06JAN14	06FEB14	10.2411	0.1373	1.3
123112720_14	64	24JAN14	08MAR14	9.8281	0.0951	1.0
123115720_14	41	30JAN14	15FEB14	10.2488	0.0779	0.8
123121360_14	56	23FEB14	30MAR14	10.3518	0.0972	0.9
123134180_14	21	15MAR14	22MAR14	9.8238	0.0700	0.7
123137140_14	63	19MAR14	21APR14	9.7698	0.0687	0.7
123141680_14	75	02APR14	11MAY14	10.1427	0.0756	0.7
123147730_14	23	26APR14	02MAY14	9.9565	0.0843	0.8
123146380_14	67	29APR14	07JUN14	9.1701	0.0871	0.9
123153670_14	59	21MAY14	24JUN14	9.2559	0.1546	1.7
123156150_14	24	29MAY14	02JUN14	9.2417	0.0584	0.6
123163220_14	63	11JUN14	26JUL14	9.6317	0.2705	2.8
123170050_14	32	12JUL14	04AUG14	10.1656	0.0653	0.6
123170030_14	57	16JUL14	12AUG14	9.7947	0.1517	1.5
123170080_14	115	30JUL14	25SEP14	9.3087	0.1014	1.1
123170100_14	8	01AUG14	11AUG14	9.6875	0.0991	1.0
123170110_14	65	27AUG14	07OCT14	10.1031	0.0728	0.7
123170130_14	40	18SEP14	30SEP14	9.9925	0.2596	2.6
123170160_14	108	30SEP14	10NOV14	10.2306	0.1343	1.3
123170230_14	90	05NOV14	17DEC14	10.2028	0.2249	2.2
123170210_14	22	10NOV14	16NOV14	10.0045	0.1463	1.5
123170260_14	20	07DEC14	14DEC14	10.4150	0.0587	0.6
123170290_15	17	02JAN15	17JAN15	9.9176	0.0951	1.0
123170340_15	57	09JAN15	27JAN15	9.8263	0.0936	1.0
123170390_15	6	26JAN15	27JAN15	9.5500	0.0548	0.6


Mean platelet volume (fL) (Lvl 1) Quality Control
10.5
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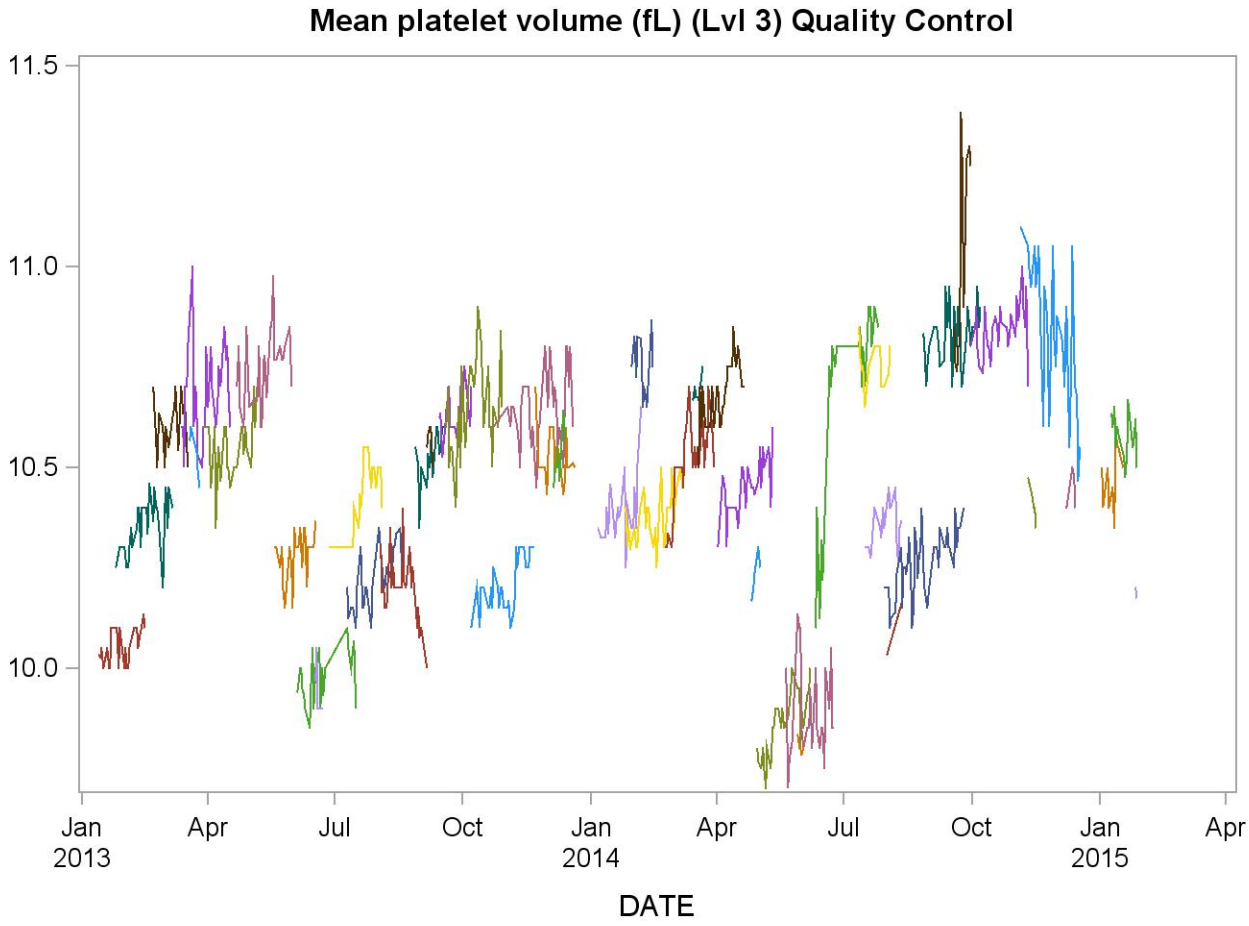
Summary Statistics for Mean platelet volume (fL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	10.5400	0.0548	0.5
132970940_13	65	13JAN13	15FEB13	10.0262	0.0756	0.8
132976140_13	62	25JAN13	07MAR13	10.0177	0.0897	0.9
132984140_13	57	21FEB13	16MAR13	10.4807	0.0990	0.9
132994700_13	60	13MAR13	17APR13	10.4533	0.0769	0.7
132999690_13	12	19MAR13	26MAR13	10.0667	0.0778	0.8
132996520_13	60	28MAR13	06MAY13	10.4100	0.0896	0.9
133008010_13	80	22APR13	31MAY13	10.1681	0.0935	0.9
133014400_13	56	19MAY13	17JUN13	10.3143	0.0862	0.8
133024770_13	45	04JUN13	16JUL13	9.6600	0.0809	0.8
133029570_13	21	17JUN13	23JUN13	9.7429	0.0676	0.7
133030790_13	33	27JUN13	04AUG13	10.2545	0.0754	0.7
133037020_13	71	10JUL13	19AUG13	10.2873	0.1095	1.1
133048140_13	69	03AUG13	05SEP13	10.0362	0.0685	0.7
133059970_13	49	28AUG13	19SEP13	10.3633	0.0782	0.8
133061570_13	20	05SEP13	09SEP13	10.4450	0.0759	0.7
133065550_13	50	14SEP13	07OCT13	10.3900	0.0789	0.8
133068600_13	74	19SEP13	29OCT13	10.2797	0.0793	0.8
133074210_13	62	07OCT13	21NOV13	10.0387	0.0875	0.9
133081690_13	63	23OCT13	19DEC13	10.6254	0.0983	0.9
133088420_13	49	22NOV13	20DEC13	10.3959	0.0763	0.7
133091670_13	27	05DEC13	13DEC13	10.3407	0.0797	0.8
133108830_14	84	06JAN14	10FEB14	10.8298	0.0818	0.8
133112730_14	66	24JAN14	08MAR14	10.2348	0.0754	0.7
133115730_14	45	30JAN14	15FEB14	10.6111	0.0775	0.7
133121370_14	60	23FEB14	30MAR14	10.3333	0.1036	1.0
133134190_14	23	15MAR14	22MAR14	10.5087	0.0596	0.6
133137150_14	68	19MAR14	21APR14	10.5544	0.0742	0.7
133141690_14	79	02APR14	11MAY14	10.2709	0.0803	0.8
133147740_14	24	26APR14	02MAY14	10.0000	0.0722	0.7
133146390_14	65	29APR14	07JUN14	9.5092	0.0861	0.9
133153680_14	68	21MAY14	24JUN14	9.6000	0.0810	0.8
133156160_14	24	29MAY14	02JUN14	9.6083	0.0654	0.7
133163230_14	73	11JUN14	26JUL14	10.2616	0.3277	3.2
133180050_14	32	12JUL14	04AUG14	10.5000	0.0718	0.7
133180030_14	58	16JUL14	12AUG14	10.0897	0.0872	0.9
133180080_14	108	30JUL14	25SEP14	10.0333	0.0947	0.9
133180100_14	8	01AUG14	11AUG14	10.0875	0.0354	0.4
133180110_14	63	27AUG14	07OCT14	10.5889	0.0845	0.8
133180130_14	42	18SEP14	30SEP14	10.9357	0.2810	2.6
133180160_14	104	30SEP14	10NOV14	10.6644	0.0869	0.8
133180230_14	86	05NOV14	17DEC14	10.6174	0.2590	2.4
133180210_14	20	10NOV14	16NOV14	10.2400	0.1188	1.2
133180260_14	20	07DEC14	14DEC14	10.2800	0.0410	0.4
133180290_15	23	02JAN15	17JAN15	9.8870	0.0694	0.7
133180340_15	56	09JAN15	27JAN15	10.5268	0.0726	0.7
133180390_15	6	26JAN15	27JAN15	9.9667	0.1211	1.2


Mean platelet volume (fL) (Lvl 2) Quality Control
11.0
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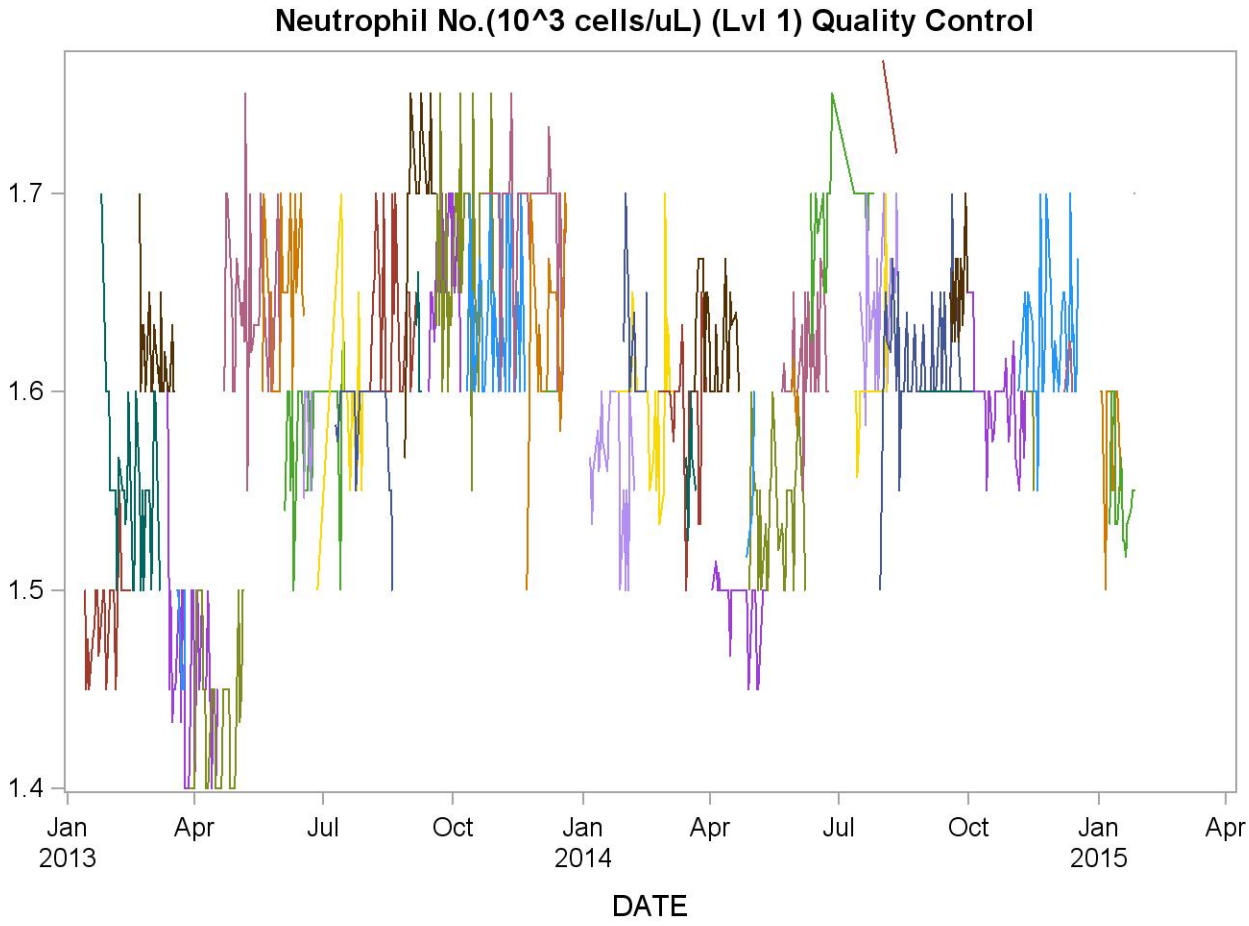
Summary Statistics for Mean platelet volume (fL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	10.7000	0.0816	0.8
142970950_13	62	13JAN13	15FEB13	10.0516	0.0695	0.7
142976150_13	58	25JAN13	07MAR13	10.3586	0.0992	1.0
142984150_13	58	21FEB13	18MAR13	10.5983	0.0761	0.7
142994710_13	58	13MAR13	17APR13	10.6741	0.1278	1.2
142999700_13	13	19MAR13	26MAR13	10.5385	0.0650	0.6
142996530_13	55	28MAR13	06MAY13	10.5418	0.0917	0.9
143008020_13	96	22APR13	31MAY13	10.7333	0.1245	1.2
143014410_13	49	19MAY13	17JUN13	10.3000	0.0816	0.8
143024780_13	49	04JUN13	16JUL13	9.9755	0.1031	1.0
143029580_13	21	17JUN13	23JUN13	9.9571	0.0746	0.7
143030800_13	31	27JUN13	04AUG13	10.4516	0.0851	0.8
143037030_13	64	10JUL13	19AUG13	10.2203	0.0995	1.0
143048150_13	65	03AUG13	05SEP13	10.2000	0.0829	0.8
143059980_13	48	28AUG13	19SEP13	10.5333	0.0883	0.8
143061580_13	15	05SEP13	09SEP13	10.5733	0.0704	0.7
143065560_13	47	14SEP13	07OCT13	10.6277	0.0713	0.7
143068610_13	62	19SEP13	29OCT13	10.6758	0.1375	1.3
143074220_13	59	07OCT13	21NOV13	10.2085	0.0816	0.8
143081700_13	62	23OCT13	19DEC13	10.6387	0.1150	1.1
143088430_13	60	22NOV13	20DEC13	10.5133	0.0769	0.7
143091680_13	25	05DEC13	13DEC13	10.5320	0.0988	0.9
143108840_14	71	06JAN14	06FEB14	10.3859	0.1086	1.0
143112740_14	60	24JAN14	08MAR14	10.3817	0.0748	0.7
143115740_14	42	30JAN14	15FEB14	10.7643	0.0850	0.8
143121380_14	57	23FEB14	30MAR14	10.5193	0.1231	1.2
143134200_14	20	15MAR14	22MAR14	10.6850	0.0489	0.5
143137160_14	54	19MAR14	21APR14	10.6815	0.0870	0.8
143141700_14	74	02APR14	11MAY14	10.4527	0.0815	0.8
143147750_14	22	26APR14	02MAY14	10.2227	0.0869	0.9
143146400_14	59	30APR14	07JUN14	9.8627	0.0908	0.9
143153690_14	56	21MAY14	24JUN14	9.8750	0.1455	1.5
143156170_14	24	29MAY14	02JUN14	9.8000	0.0590	0.6
143163240_14	61	11JUN14	26JUL14	10.5525	0.3223	3.1
143190050_14	34	12JUL14	04AUG14	10.7559	0.0824	0.8
143190030_14	54	16JUL14	12AUG14	10.3481	0.0818	0.8
143190080_14	98	30JUL14	25SEP14	10.2459	0.0976	1.0
143190100_14	8	01AUG14	11AUG14	10.1125	0.1126	1.1
143190110_14	65	27AUG14	07OCT14	10.8323	0.0886	0.8
143190130_14	40	18SEP14	30SEP14	11.0200	0.2775	2.5
143190160_14	100	30SEP14	10NOV14	10.8420	0.0867	0.8
143190230_14	85	05NOV14	17DEC14	10.8224	0.2533	2.3
143190210_14	20	10NOV14	16NOV14	10.4400	0.0940	0.9
143190260_14	21	07DEC14	14DEC14	10.4524	0.0680	0.7
143190290_15	17	02JAN15	17JAN15	10.4824	0.1074	1.0
143190340_15	56	09JAN15	27JAN15	10.5679	0.0993	0.9
143190390_15	6	26JAN15	27JAN15	10.1833	0.0753	0.7


Mean platelet volume (fL) (Lvl 3) Quality Control
11.5
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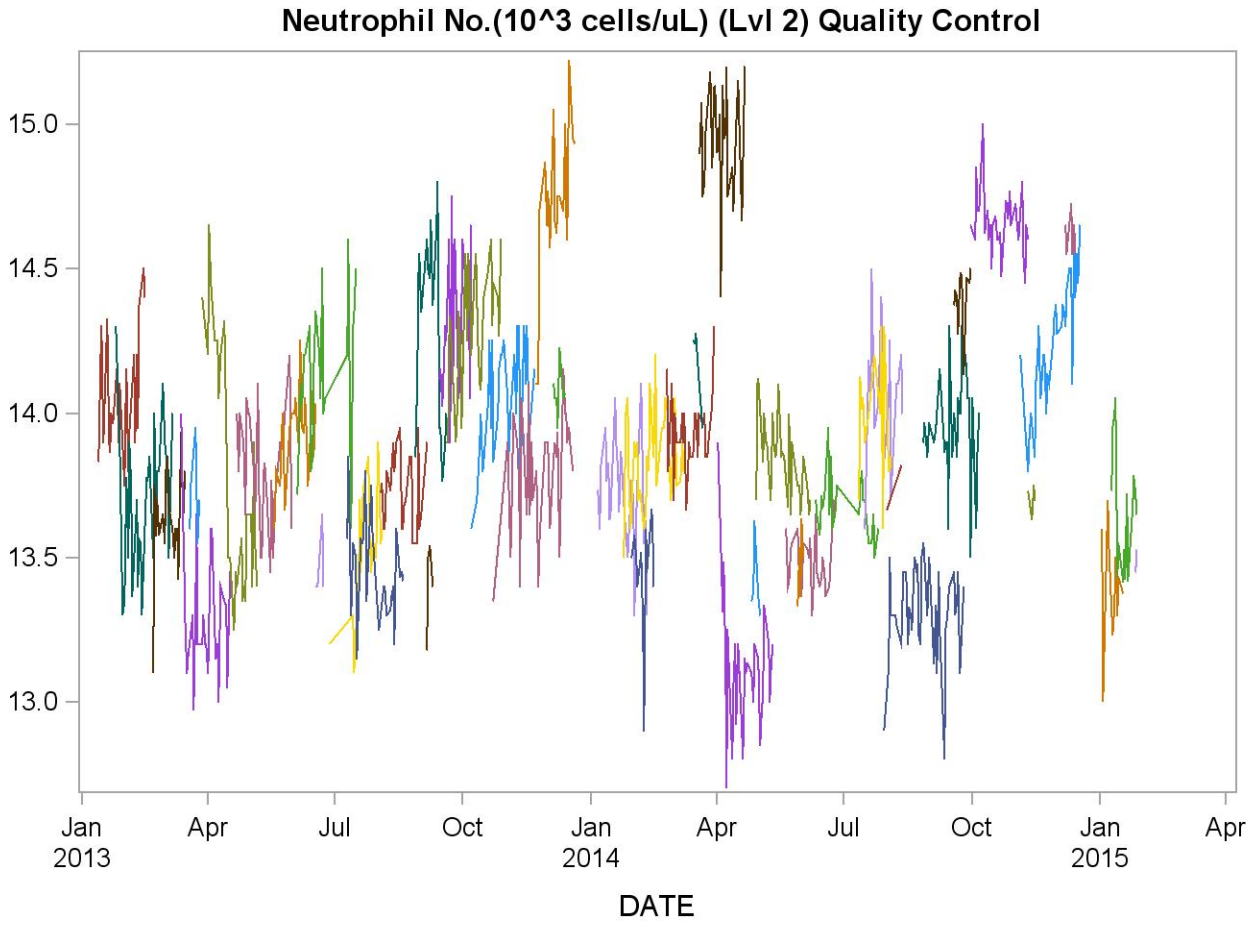
Summary Statistics for Neutrophil No.(10^3 cells/uL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	1.6333	0.0577	3.5
122970930_13	65	13JAN13	15FEB13	1.4862	0.0429	2.9
122976130_13	55	25JAN13	07MAR13	1.5491	0.0573	3.7
122984130_13	53	21FEB13	18MAR13	1.6170	0.0379	2.3
122994690_13	57	13MAR13	17APR13	1.4544	0.0537	3.7
122999670_13	12	19MAR13	26MAR13	1.4833	0.0389	2.6
122996510_13	53	28MAR13	06MAY13	1.4377	0.0489	3.4
123008000_13	79	22APR13	31MAY13	1.6367	0.0559	3.4
123014390_13	52	19MAY13	17JUN13	1.6442	0.0502	3.1
123024760_13	44	04JUN13	16JUL13	1.5773	0.0476	3.0
123029560_13	21	17JUN13	23JUN13	1.5619	0.0498	3.2
123030780_13	32	27JUN13	04AUG13	1.5906	0.0466	2.9
123037010_13	56	10JUL13	19AUG13	1.5875	0.0334	2.1
123048130_13	65	03AUG13	05SEP13	1.6346	0.0492	3.0
123059960_13	43	28AUG13	19SEP13	1.6930	0.0593	3.5
123059270_13	14	05SEP13	09SEP13	1.6286	0.0469	2.9
123065540_13	46	14SEP13	07OCT13	1.6522	0.0505	3.1
123068590_13	70	19SEP13	29OCT13	1.6729	0.0679	4.1
123074200_13	56	11OCT13	21NOV13	1.6411	0.0496	3.0
123081680_13	64	23OCT13	19DEC13	1.6922	0.0370	2.2
123088410_13	47	22NOV13	20DEC13	1.6298	0.0623	3.8
123091660_13	23	05DEC13	13DEC13	1.6000	0.0000	0.0
123108820_14	73	06JAN14	06FEB14	1.5699	0.0545	3.5
123112720_14	63	24JAN14	08MAR14	1.5968	0.0400	2.5
123115720_14	40	30JAN14	15FEB14	1.6325	0.0474	2.9
123121360_14	57	23FEB14	30MAR14	1.5895	0.0409	2.6
123134180_14	20	15MAR14	22MAR14	1.5600	0.0503	3.2
123137140_14	64	19MAR14	21APR14	1.6281	0.0453	2.8
123141680_14	74	02APR14	11MAY14	1.4973	0.0330	2.2
123147730_14	23	26APR14	02MAY14	1.5304	0.0470	3.1
123146380_14	67	29APR14	07JUN14	1.5373	0.0487	3.2
123153670_14	59	21MAY14	24JUN14	1.6153	0.0407	2.5
123156150_14	24	29MAY14	02JUN14	1.6000	0.0417	2.6
123163220_14	62	11JUN14	26JUL14	1.6871	0.0383	2.3
123170050_14	32	12JUL14	04AUG14	1.5906	0.0390	2.5
123170030_14	57	16JUL14	12AUG14	1.6404	0.0563	3.4
123170080_14	110	30JUL14	25SEP14	1.6200	0.0465	2.9
123170100_14	8	01AUG14	11AUG14	1.7375	0.0518	3.0
123170110_14	58	27AUG14	07OCT14	1.6000	0.0000	0.0
123170130_14	40	18SEP14	30SEP14	1.6500	0.0506	3.1
123170160_14	108	30SEP14	10NOV14	1.5991	0.0421	2.6
123170230_14	89	05NOV14	17DEC14	1.6258	0.0489	3.0
123170210_14	21	10NOV14	16NOV14	1.5952	0.0218	1.4
123170260_14	20	07DEC14	14DEC14	1.6100	0.0308	1.9
123170290_15	17	02JAN15	17JAN15	1.5765	0.0437	2.8
123170340_15	57	09JAN15	27JAN15	1.5465	0.0499	3.2
123170390_15	6	26JAN15	27JAN15	1.7000	0.0000	0.0


Neutrophil No.(10^3 cells/uL) (Lvl 1) Quality Control
1.7
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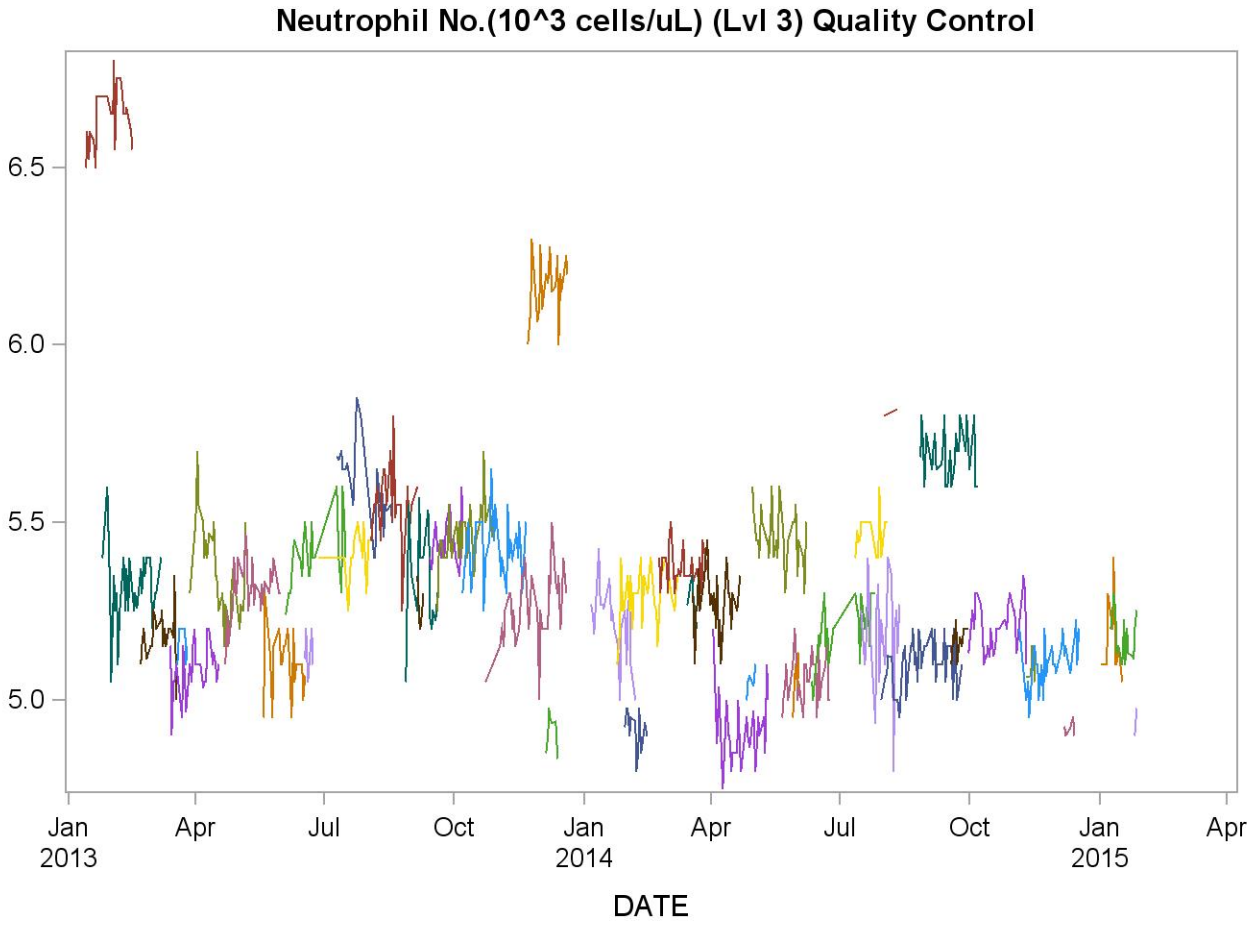
Summary Statistics for Neutrophil No.(10^3 cells/uL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	13.6400	0.3209	2.4
132970940_13	65	13JAN13	15FEB13	14.0723	0.2534	1.8
132976140_13	61	25JAN13	07MAR13	13.7164	0.2740	2.0
132984140_13	56	21FEB13	16MAR13	13.6161	0.2310	1.7
132994700_13	60	13MAR13	17APR13	13.3017	0.2703	2.0
132999690_13	12	19MAR13	26MAR13	13.7167	0.2167	1.6
132996520_13	60	28MAR13	06MAY13	13.8267	0.4528	3.3
133008010_13	80	22APR13	31MAY13	13.7975	0.2648	1.9
133014400_13	56	19MAY13	17JUN13	13.9518	0.2320	1.7
133024770_13	45	04JUN13	16JUL13	14.1156	0.3140	2.2
133029570_13	21	17JUN13	23JUN13	13.4238	0.2211	1.6
133030790_13	33	27JUN13	04AUG13	13.5818	0.2284	1.7
133037020_13	71	10JUL13	19AUG13	13.4634	0.2758	2.0
133048140_13	68	03AUG13	05SEP13	13.7243	0.1890	1.4
133059970_13	48	28AUG13	19SEP13	14.2875	0.4648	3.3
133061570_13	20	05SEP13	09SEP13	13.4200	0.2726	2.0
133065550_13	49	14SEP13	07OCT13	14.2816	0.3395	2.4
133068600_13	72	19SEP13	29OCT13	14.2806	0.2851	2.0
133074210_13	62	07OCT13	21NOV13	14.0613	0.2472	1.8
133081690_13	63	23OCT13	19DEC13	13.8079	0.2451	1.8
133088420_13	48	22NOV13	20DEC13	14.7771	0.2838	1.9
133091670_13	26	05DEC13	13DEC13	14.0731	0.1909	1.4
133108830_14	84	06JAN14	10FEB14	13.7429	0.2441	1.8
133112730_14	66	24JAN14	08MAR14	13.8485	0.2114	1.5
133115730_14	45	30JAN14	15FEB14	13.4711	0.2634	2.0
133121370_14	59	24FEB14	30MAR14	13.9254	0.2154	1.5
133134190_14	23	15MAR14	22MAR14	14.1913	0.2021	1.4
133137150_14	67	19MAR14	21APR14	14.9731	0.2490	1.7
133141690_14	79	02APR14	11MAY14	13.1329	0.2630	2.0
133147740_14	24	26APR14	02MAY14	13.4042	0.1805	1.3
133146390_14	65	29APR14	07JUN14	13.8554	0.2443	1.8
133153680_14	68	21MAY14	24JUN14	13.4750	0.2003	1.5
133156160_14	24	29MAY14	02JUN14	13.4875	0.2028	1.5
133163230_14	72	11JUN14	26JUL14	13.6708	0.1542	1.1
133180050_14	32	12JUL14	04AUG14	13.9844	0.2329	1.7
133180030_14	56	16JUL14	12AUG14	14.0768	0.6232	4.4
133180080_14	107	30JUL14	25SEP14	13.3187	0.2005	1.5
133180100_14	8	01AUG14	11AUG14	13.7625	0.2264	1.6
133180110_14	64	27AUG14	07OCT14	13.9625	0.2112	1.5
133180130_14	42	18SEP14	30SEP14	14.4095	0.2239	1.6
133180160_14	103	30SEP14	10NOV14	14.6583	0.2199	1.5
133180230_14	86	05NOV14	17DEC14	14.2953	0.3199	2.2
133180210_14	20	10NOV14	16NOV14	13.7100	0.1714	1.2
133180260_14	20	07DEC14	14DEC14	14.6250	0.2074	1.4
133180290_15	23	02JAN15	17JAN15	13.3913	0.1929	1.4
133180340_15	57	09JAN15	27JAN15	13.6219	0.3167	2.3
133180390_15	6	26JAN15	27JAN15	13.5000	0.1265	0.9


Neutrophil No.(10^3 cells/uL) (Lvl 2) Quality Control
15.0
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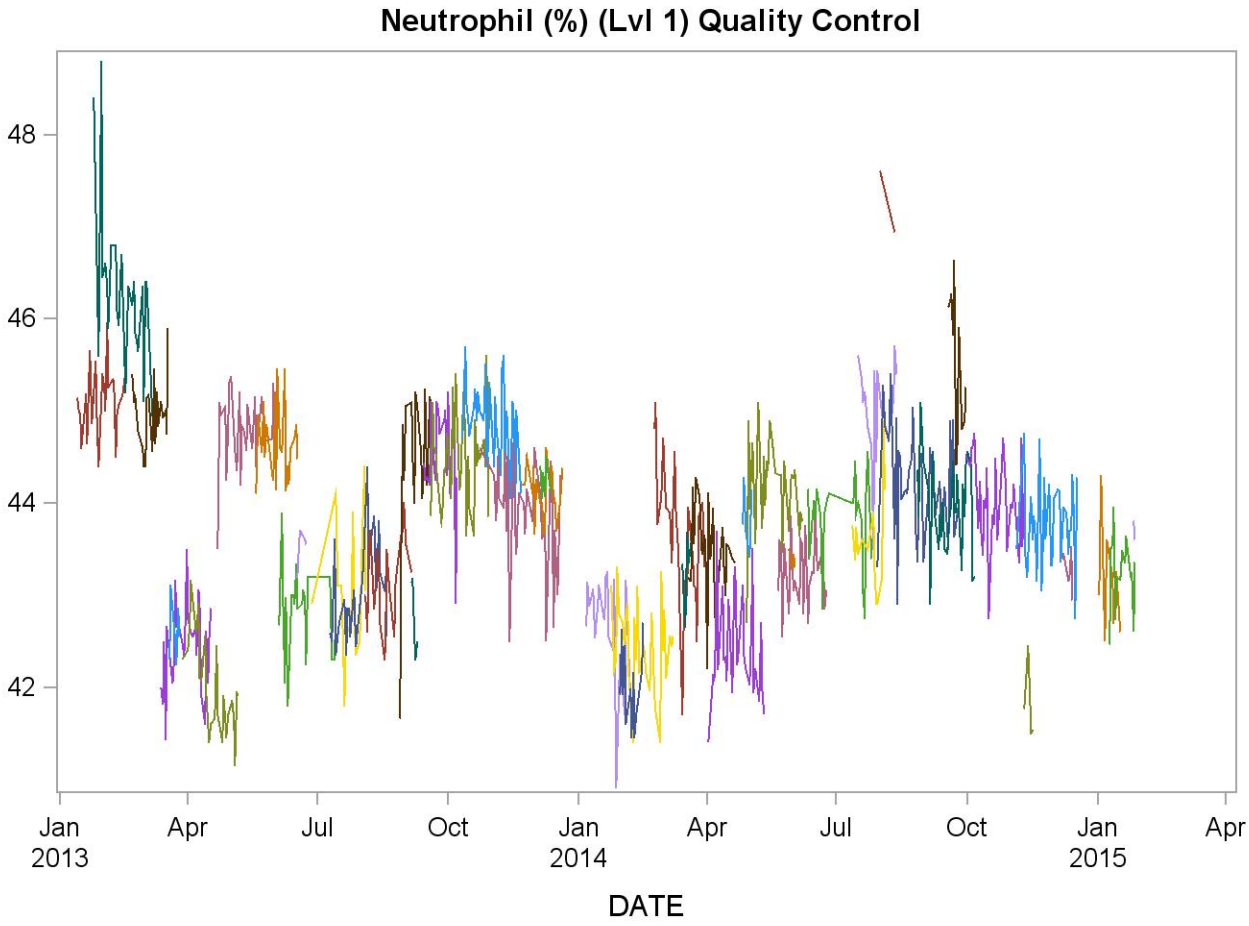
Summary Statistics for Neutrophil No.(10^3 cells/uL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	5.5250	0.0957	1.7
142970950_13	63	13JAN13	15FEB13	6.6270	0.1358	2.0
142976150_13	58	25JAN13	07MAR13	5.3069	0.1212	2.3
142984150_13	57	21FEB13	18MAR13	5.1825	0.0826	1.6
142994710_13	57	14MAR13	17APR13	5.0825	0.0966	1.9
142999700_13	13	19MAR13	26MAR13	5.1538	0.0877	1.7
142996530_13	55	28MAR13	06MAY13	5.3527	0.1538	2.9
143008020_13	95	22APR13	31MAY13	5.3284	0.1136	2.1
143014410_13	50	19MAY13	17JUN13	5.0940	0.1219	2.4
143024780_13	48	04JUN13	16JUL13	5.4104	0.1448	2.7
143029580_13	21	17JUN13	23JUN13	5.1238	0.0944	1.8
143030800_13	32	27JUN13	04AUG13	5.4156	0.1081	2.0
143037030_13	62	10JUL13	19AUG13	5.6161	0.1381	2.5
143048150_13	65	03AUG13	05SEP13	5.5246	0.1238	2.2
143059980_13	48	28AUG13	19SEP13	5.3688	0.1937	3.6
143061580_13	15	05SEP13	09SEP13	5.2600	0.0986	1.9
143065560_13	45	14SEP13	07OCT13	5.4378	0.0860	1.6
143068610_13	61	19SEP13	29OCT13	5.4623	0.1003	1.8
143074220_13	58	07OCT13	21NOV13	5.4414	0.1214	2.2
143081700_13	62	23OCT13	19DEC13	5.2613	0.1092	2.1
143088430_13	61	22NOV13	20DEC13	6.1885	0.1318	2.1
143091680_13	25	05DEC13	13DEC13	4.9160	0.0943	1.9
143108840_14	71	06JAN14	06FEB14	5.2458	0.1480	2.8
143112740_14	60	24JAN14	08MAR14	5.2967	0.1073	2.0
143115740_14	42	30JAN14	15FEB14	4.9262	0.1083	2.2
143121380_14	56	23FEB14	30MAR14	5.3714	0.0847	1.6
143134200_14	20	15MAR14	22MAR14	5.3000	0.1026	1.9
143137160_14	53	19MAR14	21APR14	5.2849	0.1008	1.9
143141700_14	73	02APR14	11MAY14	4.9123	0.1027	2.1
143147750_14	22	26APR14	02MAY14	5.0409	0.0908	1.8
143146400_14	59	30APR14	07JUN14	5.4627	0.0981	1.8
143153690_14	57	21MAY14	24JUN14	5.0632	0.0919	1.8
143156170_14	23	29MAY14	02JUN14	5.0652	0.1027	2.0
143163240_14	62	11JUN14	26JUL14	5.1694	0.1249	2.4
143190050_14	33	12JUL14	04AUG14	5.4667	0.0645	1.2
143190030_14	54	16JUL14	12AUG14	5.1648	0.2748	5.3
143190080_14	98	30JUL14	25SEP14	5.0990	0.1000	2.0
143190100_14	8	01AUG14	11AUG14	5.8125	0.0641	1.1
143190110_14	65	27AUG14	07OCT14	5.6908	0.0931	1.6
143190130_14	39	18SEP14	30SEP14	5.1667	0.0898	1.7
143190160_14	99	30SEP14	10NOV14	5.2020	0.1069	2.1
143190230_14	85	05NOV14	17DEC14	5.1176	0.0902	1.8
143190210_14	20	10NOV14	16NOV14	5.0800	0.0768	1.5
143190260_14	20	07DEC14	14DEC14	4.9250	0.0444	0.9
143190290_15	16	02JAN15	17JAN15	5.1625	0.1147	2.2
143190340_15	56	09JAN15	27JAN15	5.1661	0.1014	2.0
143190390_15	6	26JAN15	27JAN15	4.9500	0.0837	1.7


Neutrophil No.(10^3 cells/uL) (Lvl 3) Quality Control
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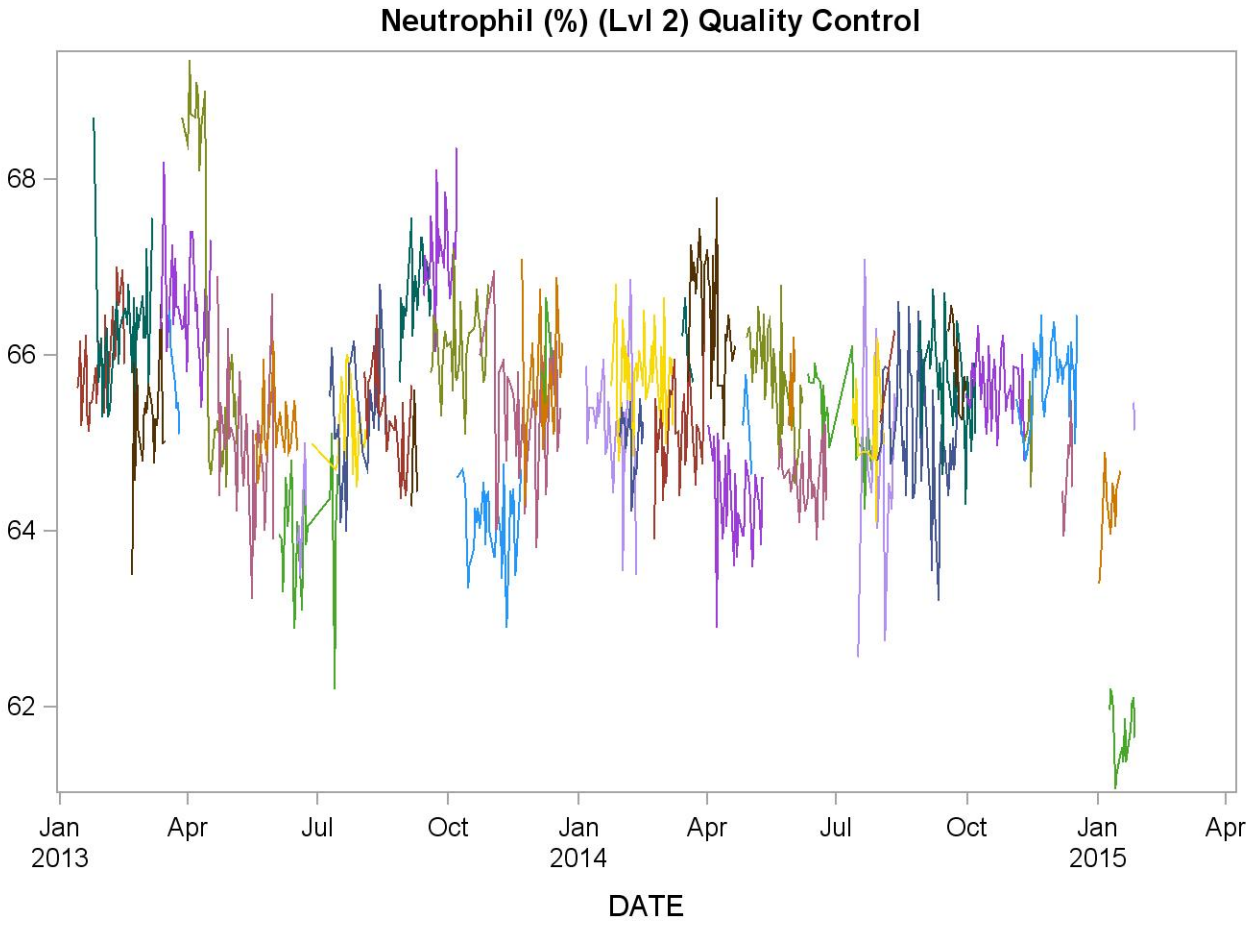
Summary Statistics for Neutrophil (%) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	45.1667	0.8145	1.8
122970930_13	65	13JAN13	15FEB13	45.0708	0.7873	1.7
122976130_13	56	25JAN13	07MAR13	46.2036	0.8284	1.8
122984130_13	53	21FEB13	18MAR13	44.9377	0.4935	1.1
122994690_13	56	13MAR13	17APR13	42.4000	0.6548	1.5
122999670_13	12	19MAR13	26MAR13	42.5917	0.6459	1.5
122996510_13	54	28MAR13	06MAY13	41.9741	0.6137	1.5
123008000_13	80	22APR13	31MAY13	44.7206	0.6410	1.4
123014390_13	53	19MAY13	17JUN13	44.6038	0.5280	1.2
123024760_13	48	04JUN13	16JUL13	42.8625	0.6856	1.6
123029560_13	21	17JUN13	23JUN13	43.3476	0.5689	1.3
123030780_13	33	27JUN13	04AUG13	42.9121	0.8616	2.0
123037010_13	58	10JUL13	19AUG13	42.9828	0.6090	1.4
123048130_13	65	03AUG13	05SEP13	43.1500	0.6260	1.5
123059960_13	47	28AUG13	19SEP13	44.3532	1.1880	2.7
123059270_13	14	05SEP13	09SEP13	42.8571	0.8318	1.9
123065540_13	48	14SEP13	07OCT13	44.5333	0.6628	1.5
123068590_13	69	19SEP13	29OCT13	44.4710	0.6413	1.4
123074200_13	56	11OCT13	21NOV13	44.8714	0.6497	1.4
123081680_13	64	23OCT13	19DEC13	43.9109	0.6605	1.5
123088410_13	46	22NOV13	20DEC13	44.0587	0.5745	1.3
123091660_13	24	05DEC13	13DEC13	44.2333	0.6148	1.4
123108820_14	73	06JAN14	06FEB14	42.7041	0.7497	1.8
123112720_14	62	24JAN14	08MAR14	42.4435	0.7372	1.7
123115720_14	40	30JAN14	15FEB14	42.0350	0.5964	1.4
123121360_14	57	23FEB14	30MAR14	43.5965	0.8701	2.0
123134180_14	20	15MAR14	22MAR14	43.2000	0.6736	1.6
123137140_14	64	19MAR14	21APR14	43.5031	0.7069	1.6
123141680_14	74	02APR14	11MAY14	42.3432	0.7255	1.7
123147730_14	23	26APR14	02MAY14	43.8435	0.7229	1.6
123146380_14	67	29APR14	07JUN14	44.1537	0.7085	1.6
123153670_14	59	21MAY14	24JUN14	43.2559	0.5120	1.2
123156150_14	24	29MAY14	02JUN14	43.3667	0.6253	1.4
123163220_14	62	11JUN14	26JUL14	43.8129	0.6377	1.5
123170050_14	32	12JUL14	04AUG14	43.5844	0.6648	1.5
123170030_14	57	16JUL14	12AUG14	45.0456	0.8773	1.9
123170080_14	113	30JUL14	25SEP14	44.3053	0.9181	2.1
123170100_14	8	01AUG14	11AUG14	47.1875	0.6556	1.4
123170110_14	65	27AUG14	07OCT14	43.9431	0.6619	1.5
123170130_14	40	18SEP14	30SEP14	45.5125	0.9801	2.2
123170160_14	108	30SEP14	10NOV14	44.0204	0.7982	1.8
123170230_14	89	05NOV14	17DEC14	43.7567	0.7060	1.6
123170210_14	22	10NOV14	16NOV14	41.7909	0.5614	1.3
123170260_14	20	07DEC14	14DEC14	43.2900	0.5067	1.2
123170290_15	17	02JAN15	17JAN15	43.1353	0.5219	1.2
123170340_15	57	09JAN15	27JAN15	43.1956	0.6897	1.6
123170390_15	6	26JAN15	27JAN15	43.6667	0.6022	1.4


Neutrophil (%) (Lvl 1) Quality Control
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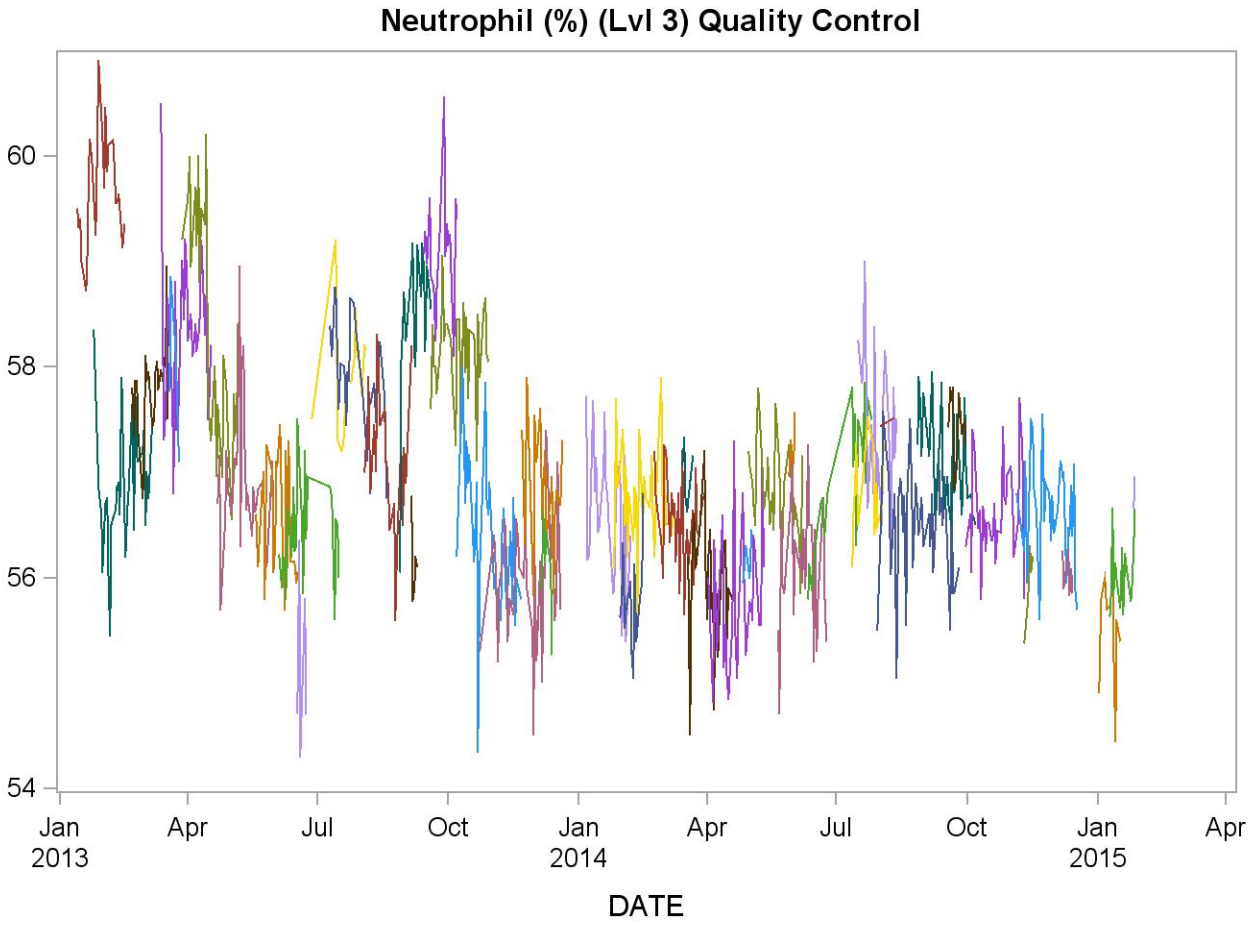
Summary Statistics for Neutrophil (%) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	64.4200	0.8672	1.3
132970940_13	65	13JAN13	15FEB13	65.8554	0.8022	1.2
132976140_13	65	25JAN13	07MAR13	66.2569	0.7742	1.2
132984140_13	57	21FEB13	16MAR13	65.3035	0.7714	1.2
132994700_13	62	13MAR13	17APR13	66.6419	0.8336	1.3
132999690_13	12	19MAR13	26MAR13	65.7000	0.6928	1.1
132996520_13	61	28MAR13	06MAY13	66.5984	1.8681	2.8
133008010_13	81	22APR13	31MAY13	64.8735	0.8465	1.3
133014400_13	57	19MAY13	17JUN13	65.1632	0.6040	0.9
133024770_13	49	04JUN13	16JUL13	64.0490	0.8921	1.4
133029570_13	21	17JUN13	23JUN13	63.9905	0.7886	1.2
133030790_13	32	27JUN13	04AUG13	65.2156	0.6386	1.0
133037020_13	73	10JUL13	19AUG13	65.3795	0.9320	1.4
133048140_13	69	03AUG13	05SEP13	65.3087	0.7376	1.1
133059970_13	50	28AUG13	19SEP13	66.7120	0.8597	1.3
133061570_13	20	05SEP13	09SEP13	64.8750	0.7786	1.2
133065550_13	51	14SEP13	07OCT13	67.1235	0.7615	1.1
133068600_13	72	19SEP13	29OCT13	66.1042	0.5598	0.8
133074210_13	62	07OCT13	21NOV13	64.0500	0.6480	1.0
133081690_13	63	23OCT13	19DEC13	65.3794	0.8790	1.3
133088420_13	49	22NOV13	20DEC13	65.7041	0.8116	1.2
133091670_13	27	05DEC13	13DEC13	65.9259	0.6249	0.9
133108830_14	84	06JAN14	10FEB14	65.2119	0.8809	1.4
133112730_14	66	24JAN14	08MAR14	65.7818	0.6946	1.1
133115730_14	45	30JAN14	15FEB14	65.1044	0.8512	1.3
133121370_14	60	23FEB14	30MAR14	65.1367	0.7693	1.2
133134190_14	23	15MAR14	22MAR14	66.2348	0.7177	1.1
133137150_14	67	19MAR14	21APR14	66.6015	0.8850	1.3
133141690_14	79	02APR14	11MAY14	64.3899	0.8023	1.2
133147740_14	24	26APR14	02MAY14	65.2583	0.6392	1.0
133146390_14	64	29APR14	07JUN14	65.7484	0.7595	1.2
133153680_14	70	21MAY14	24JUN14	64.6171	0.6778	1.0
133156160_14	24	29MAY14	02JUN14	65.7042	0.7244	1.1
133163230_14	75	11JUN14	26JUL14	65.4827	0.7062	1.1
133180050_14	32	12JUL14	04AUG14	65.2313	0.7078	1.1
133180030_14	56	16JUL14	12AUG14	64.8768	2.8948	4.5
133180080_14	107	30JUL14	25SEP14	65.1421	0.8515	1.3
133180100_14	8	01AUG14	11AUG14	65.8875	0.9188	1.4
133180110_14	64	27AUG14	07OCT14	65.7422	0.7021	1.1
133180130_14	42	18SEP14	30SEP14	66.0024	0.7383	1.1
133180160_14	103	30SEP14	10NOV14	65.6485	0.7977	1.2
133180230_14	86	05NOV14	17DEC14	65.8105	0.7169	1.1
133180210_14	20	10NOV14	16NOV14	65.1350	0.5194	0.8
133180260_14	20	07DEC14	14DEC14	64.8000	0.8033	1.2
133180290_15	23	02JAN15	17JAN15	64.3391	0.7024	1.1
133180340_15	57	09JAN15	27JAN15	61.6456	0.7038	1.1
133180390_15	6	26JAN15	27JAN15	65.2500	0.7148	1.1


Neutrophil (%) (Lvl 2) Quality Control
68
66
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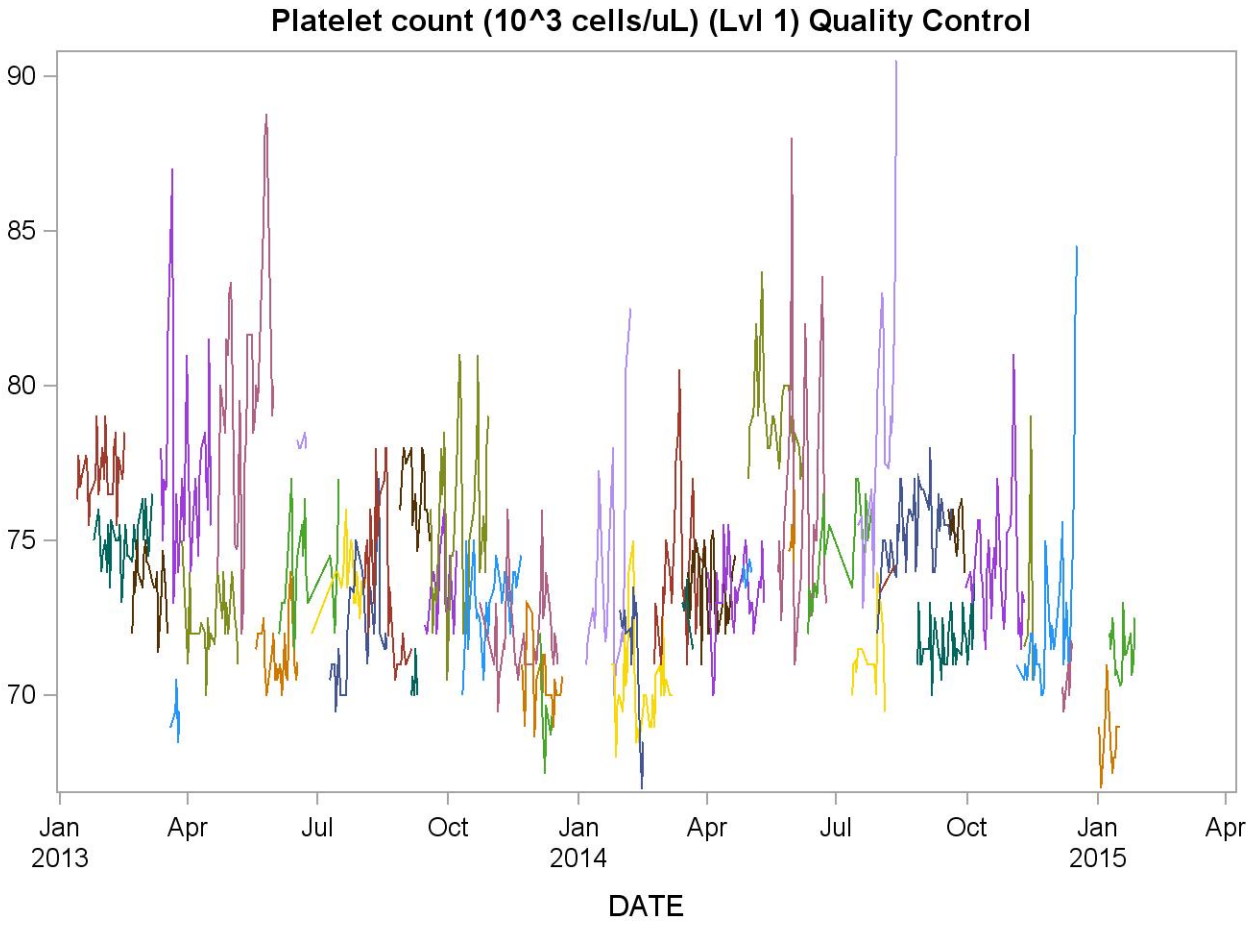
Summary Statistics for Neutrophil (%) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	56.4500	0.3697	0.7
142970950_13	63	13JAN13	15FEB13	59.5698	0.9071	1.5
142976150_13	59	25JAN13	07MAR13	56.8525	0.7548	1.3
142984150_13	58	21FEB13	18MAR13	57.7603	0.6649	1.2
142994710_13	59	13MAR13	17APR13	58.2254	0.7718	1.3
142999700_13	13	19MAR13	26MAR13	57.8538	0.7633	1.3
142996530_13	56	28MAR13	06MAY13	58.2304	1.2063	2.1
143008020_13	95	22APR13	31MAY13	56.9537	0.8335	1.5
143014410_13	51	19MAY13	17JUN13	56.4412	0.7841	1.4
143024780_13	49	04JUN13	16JUL13	56.4388	0.5552	1.0
143029580_13	21	17JUN13	23JUN13	54.9333	0.8493	1.5
143030800_13	32	27JUN13	04AUG13	57.8688	0.7693	1.3
143037030_13	63	10JUL13	19AUG13	57.9429	0.7407	1.3
143048150_13	66	03AUG13	05SEP13	57.0545	0.8265	1.4
143059980_13	48	28AUG13	19SEP13	58.5021	0.9954	1.7
143061580_13	15	05SEP13	09SEP13	56.1467	0.7567	1.3
143065560_13	47	14SEP13	07OCT13	59.1064	0.6323	1.1
143068610_13	62	19SEP13	29OCT13	58.1242	0.6375	1.1
143074220_13	58	07OCT13	21NOV13	56.3879	0.8891	1.6
143081700_13	62	23OCT13	19DEC13	55.9968	0.6719	1.2
143088430_13	61	22NOV13	20DEC13	56.7951	0.7142	1.3
143091680_13	25	05DEC13	13DEC13	56.0960	0.7306	1.3
143108840_14	70	06JAN14	06FEB14	56.7564	0.9715	1.7
143112740_14	61	24JAN14	08MAR14	56.7213	0.7146	1.3
143115740_14	42	30JAN14	15FEB14	55.8238	0.9014	1.6
143121380_14	57	23FEB14	30MAR14	56.5228	0.7151	1.3
143134200_14	20	15MAR14	22MAR14	56.9300	0.5787	1.0
143137160_14	53	19MAR14	21APR14	56.0679	0.7780	1.4
143141700_14	73	02APR14	11MAY14	55.7041	0.8402	1.5
143147750_14	22	26APR14	02MAY14	56.0773	0.5944	1.1
143146400_14	59	30APR14	07JUN14	56.8458	0.6988	1.2
143153690_14	57	21MAY14	24JUN14	56.2000	0.7653	1.4
143156170_14	24	29MAY14	02JUN14	57.2000	0.4836	0.8
143163240_14	62	11JUN14	26JUL14	56.6516	0.8508	1.5
143190050_14	34	12JUL14	04AUG14	56.8588	0.5269	0.9
143190030_14	53	16JUL14	12AUG14	57.3981	1.0876	1.9
143190080_14	97	30JUL14	25SEP14	56.6041	0.7982	1.4
143190100_14	8	01AUG14	11AUG14	57.4875	0.9833	1.7
143190110_14	65	27AUG14	07OCT14	57.1369	0.6905	1.2
143190130_14	40	18SEP14	30SEP14	57.4075	0.6187	1.1
143190160_14	99	30SEP14	10NOV14	56.6465	0.7136	1.3
143190230_14	85	05NOV14	17DEC14	56.6976	0.7005	1.2
143190210_14	20	10NOV14	16NOV14	55.6850	0.6046	1.1
143190260_14	20	07DEC14	14DEC14	56.0800	0.4797	0.9
143190290_15	17	02JAN15	17JAN15	55.5118	0.6244	1.1
143190340_15	56	09JAN15	27JAN15	56.0018	0.5956	1.1
143190390_15	6	26JAN15	27JAN15	56.8500	0.5206	0.9


Neutrophil (%) (Lvl 3) Quality Control
60
58
56
54
Jan
2013
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DATE

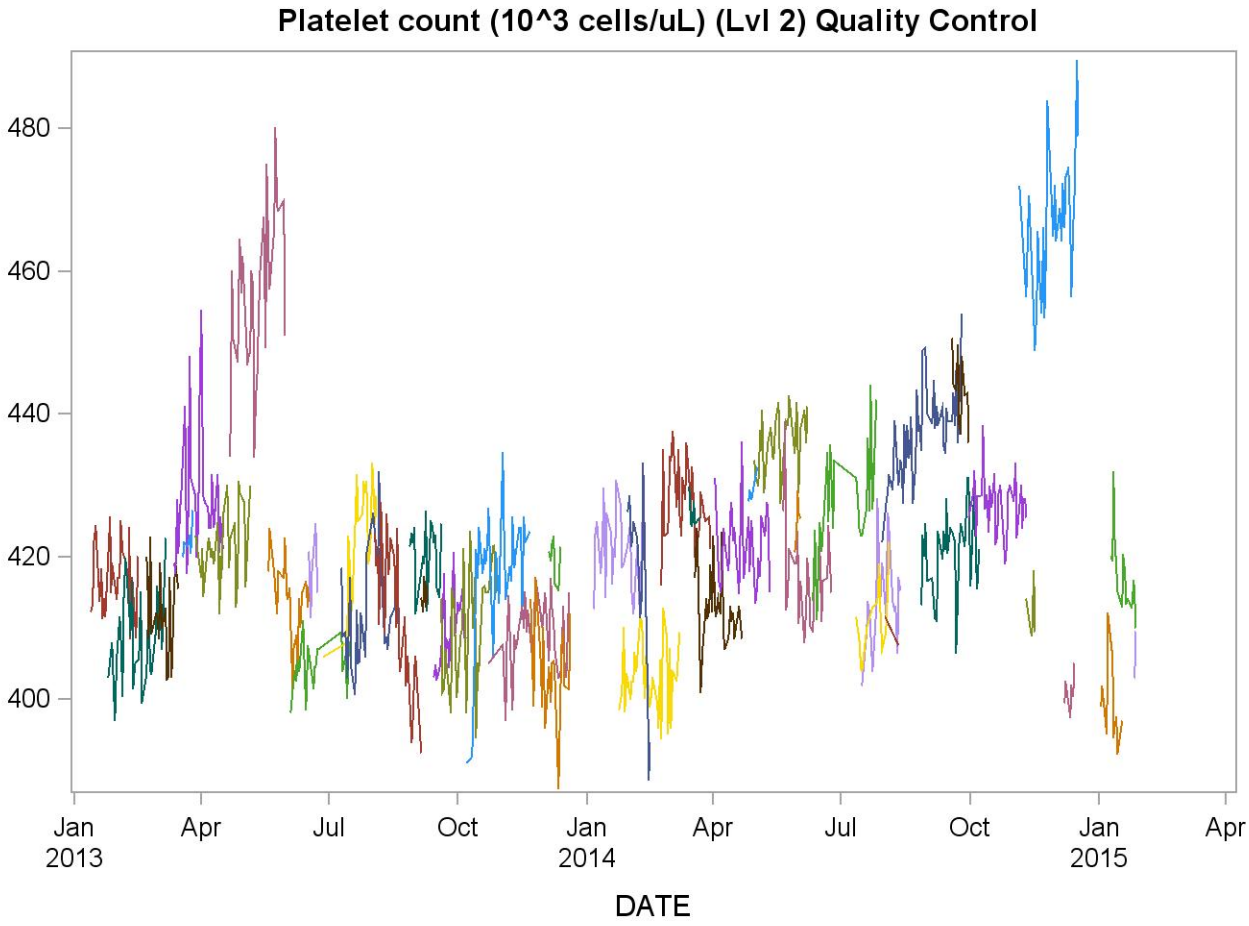
Summary Statistics for Platelet count (10^3 cells/uL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	70.0000	0.0000	0.0
122970930_13	65	13JAN13	15FEB13	77.2308	1.4871	1.9
122976130_13	57	25JAN13	07MAR13	75.1053	1.1754	1.6
122984130_13	53	21FEB13	18MAR13	73.6038	1.5853	2.2
122994690_13	56	13MAR13	17APR13	76.9107	3.0348	3.9
122999670_13	12	19MAR13	26MAR13	69.3333	0.8876	1.3
122996510_13	54	28MAR13	06MAY13	72.3889	1.2652	1.7
123008000_13	79	22APR13	31MAY13	79.0063	5.2088	6.6
123014390_13	52	19MAY13	17JUN13	71.2308	1.3227	1.9
123024760_13	45	04JUN13	16JUL13	74.0000	1.9424	2.6
123029560_13	21	17JUN13	23JUN13	78.1905	1.2091	1.5
123030780_13	33	27JUN13	04AUG13	73.8788	1.0535	1.4
123037010_13	57	10JUL13	19AUG13	72.1228	2.0622	2.9
123048130_13	65	03AUG13	05SEP13	73.3538	2.3680	3.2
123059960_13	44	28AUG13	19SEP13	76.4773	1.5172	2.0
123059270_13	14	05SEP13	09SEP13	70.4286	0.9376	1.3
123065540_13	46	14SEP13	07OCT13	73.1739	1.4346	2.0
123068590_13	68	19SEP13	29OCT13	75.5588	3.3430	4.4
123074200_13	57	11OCT13	21NOV13	73.1053	1.3847	1.9
123081680_13	64	23OCT13	17DEC13	71.9063	1.7064	2.4
123088410_13	47	22NOV13	20DEC13	70.4043	1.5131	2.1
123091660_13	23	05DEC13	13DEC13	69.2174	1.6776	2.4
123108820_14	73	06JAN14	06FEB14	73.3973	3.2134	4.4
123112720_14	64	24JAN14	08MAR14	70.2344	1.4773	2.1
123115720_14	41	30JAN14	15FEB14	71.6341	2.0586	2.9
123121360_14	57	23FEB14	30MAR14	74.1228	2.5570	3.4
123134180_14	21	15MAR14	22MAR14	72.8571	1.5260	2.1
123137140_14	64	19MAR14	21APR14	73.6406	1.4624	2.0
123141680_14	75	02APR14	11MAY14	72.5867	1.9037	2.6
123147730_14	23	26APR14	02MAY14	73.9565	0.8779	1.2
123146380_14	66	30APR14	07JUN14	79.0909	1.8706	2.4
123153670_14	59	21MAY14	24JUN14	75.5593	4.0864	5.4
123156150_14	24	29MAY14	02JUN14	75.0833	1.2482	1.7
123163220_14	63	11JUN14	26JUL14	74.3651	1.7349	2.3
123170050_14	32	12JUL14	04AUG14	71.0938	1.1176	1.6
123170030_14	57	16JUL14	12AUG14	77.7368	4.0643	5.2
123170080_14	113	30JUL14	25SEP14	75.4159	1.4924	2.0
123170100_14	8	01AUG14	11AUG14	73.8750	1.4577	2.0
123170110_14	64	27AUG14	07OCT14	71.6719	1.0991	1.5
123170130_14	40	18SEP14	30SEP14	75.2750	1.3957	1.9
123170160_14	108	30SEP14	10NOV14	74.1111	2.6024	3.5
123170230_14	87	05NOV14	17DEC14	72.9080	3.7187	5.1
123170210_14	21	10NOV14	16NOV14	72.8095	2.7860	3.8
123170260_14	20	07DEC14	14DEC14	70.7000	1.2183	1.7
123170290_15	17	02JAN15	17JAN15	68.4706	1.0676	1.6
123170340_15	57	09JAN15	27JAN15	71.3158	1.3648	1.9
123170390_15	6	26JAN15	27JAN15	71.5000	0.8367	1.2


Platelet count (10^3 cells/uL) (Lvl 1) Quality Control
90
85
80
75
70
Jan
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2015
Apr
DATE

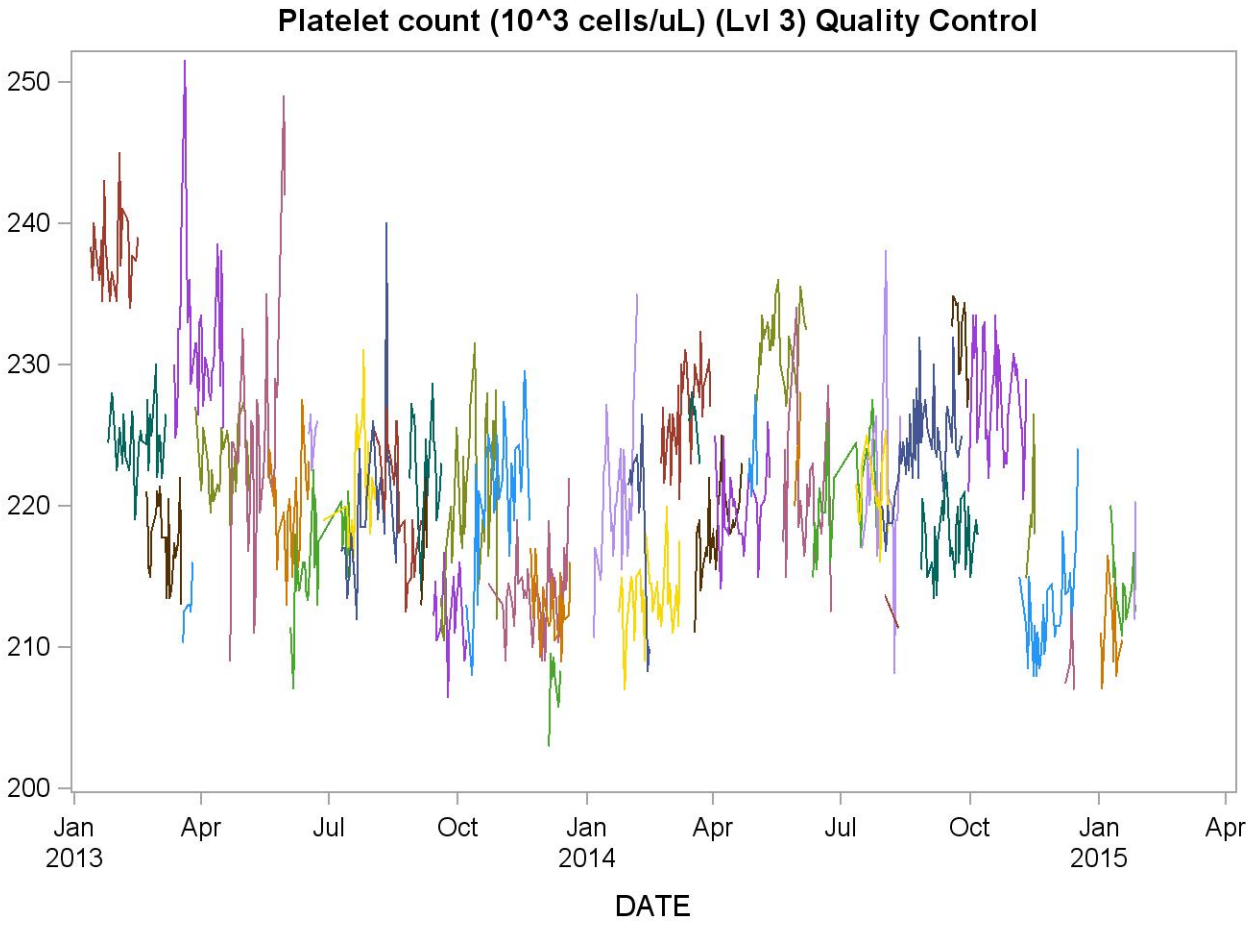
Summary Statistics for Platelet count (10^3 cells/uL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	427.6000	7.6681	1.8
132970940_13	65	13JAN13	15FEB13	416.8154	6.9392	1.7
132976140_13	61	25JAN13	07MAR13	409.3607	8.5519	2.1
132984140_13	56	21FEB13	16MAR13	410.9286	8.8889	2.2
132994700_13	61	13MAR13	17APR13	426.4262	10.8050	2.5
132999690_13	12	19MAR13	26MAR13	422.2500	6.3120	1.5
132996520_13	59	28MAR13	06MAY13	421.5932	6.7469	1.6
133008010_13	80	22APR13	31MAY13	454.1813	14.0729	3.1
133014400_13	56	19MAY13	17JUN13	414.2321	7.8439	1.9
133024770_13	44	04JUN13	16JUL13	404.1818	5.4529	1.3
133029570_13	21	17JUN13	23JUN13	419.3333	6.6883	1.6
133030790_13	33	27JUN13	04AUG13	423.8788	10.3645	2.4
133037020_13	71	10JUL13	19AUG13	410.9718	8.3683	2.0
133048140_13	69	03AUG13	05SEP13	410.8333	12.0985	2.9
133059970_13	48	28AUG13	19SEP13	420.3125	6.1407	1.5
133061570_13	20	05SEP13	09SEP13	414.4500	6.2868	1.5
133065550_13	50	14SEP13	07OCT13	408.0400	8.2733	2.0
133068600_13	74	19SEP13	29OCT13	409.4054	11.0552	2.7
133074210_13	62	07OCT13	21NOV13	418.7258	9.8716	2.4
133081690_13	64	23OCT13	19DEC13	408.9219	6.3504	1.6
133088420_13	49	22NOV13	20DEC13	403.5918	8.6841	2.2
133091670_13	27	05DEC13	13DEC13	419.6667	8.2834	2.0
133108830_14	83	06JAN14	10FEB14	421.3373	8.4957	2.0
133112730_14	66	24JAN14	08MAR14	403.6970	6.5703	1.6
133115730_14	45	30JAN14	15FEB14	417.3333	14.0259	3.4
133121370_14	59	23FEB14	30MAR14	427.8305	7.1683	1.7
133134190_14	22	15MAR14	22MAR14	425.9545	4.3147	1.0
133137150_14	68	19MAR14	21APR14	412.8676	7.7842	1.9
133141690_14	79	02APR14	11MAY14	420.0253	8.2958	2.0
133147740_14	24	26APR14	02MAY14	429.4583	5.2085	1.2
133146390_14	64	30APR14	07JUN14	435.9688	7.4705	1.7
133153680_14	69	21MAY14	24JUN14	416.3913	8.1965	2.0
133156160_14	24	29MAY14	02JUN14	425.4167	6.1071	1.4
133163230_14	73	11JUN14	26JUL14	424.8219	9.3353	2.2
133180050_14	32	12JUL14	04AUG14	410.1875	6.5571	1.6
133180030_14	58	16JUL14	12AUG14	413.6207	9.2676	2.2
133180080_14	108	30JUL14	25SEP14	436.0000	8.8106	2.0
133180100_14	8	01AUG14	11AUG14	409.1250	7.2000	1.8
133180110_14	64	27AUG14	07OCT14	419.6406	7.4352	1.8
133180130_14	42	18SEP14	30SEP14	442.9762	7.4522	1.7
133180160_14	103	30SEP14	10NOV14	427.2913	7.9133	1.9
133180230_14	86	05NOV14	17DEC14	467.3023	11.3366	2.4
133180210_14	20	10NOV14	16NOV14	412.7500	5.5713	1.3
133180260_14	20	07DEC14	14DEC14	400.6500	5.3732	1.3
133180290_15	23	02JAN15	17JAN15	398.7391	7.6230	1.9
133180340_15	56	09JAN15	27JAN15	416.0179	7.9464	1.9
133180390_15	6	26JAN15	27JAN15	407.3333	4.5019	1.1


Platelet count (10^3 cells/uL) (Lvl 2) Quality Control
480
460
440
420
400
Jan
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2015
Apr
DATE

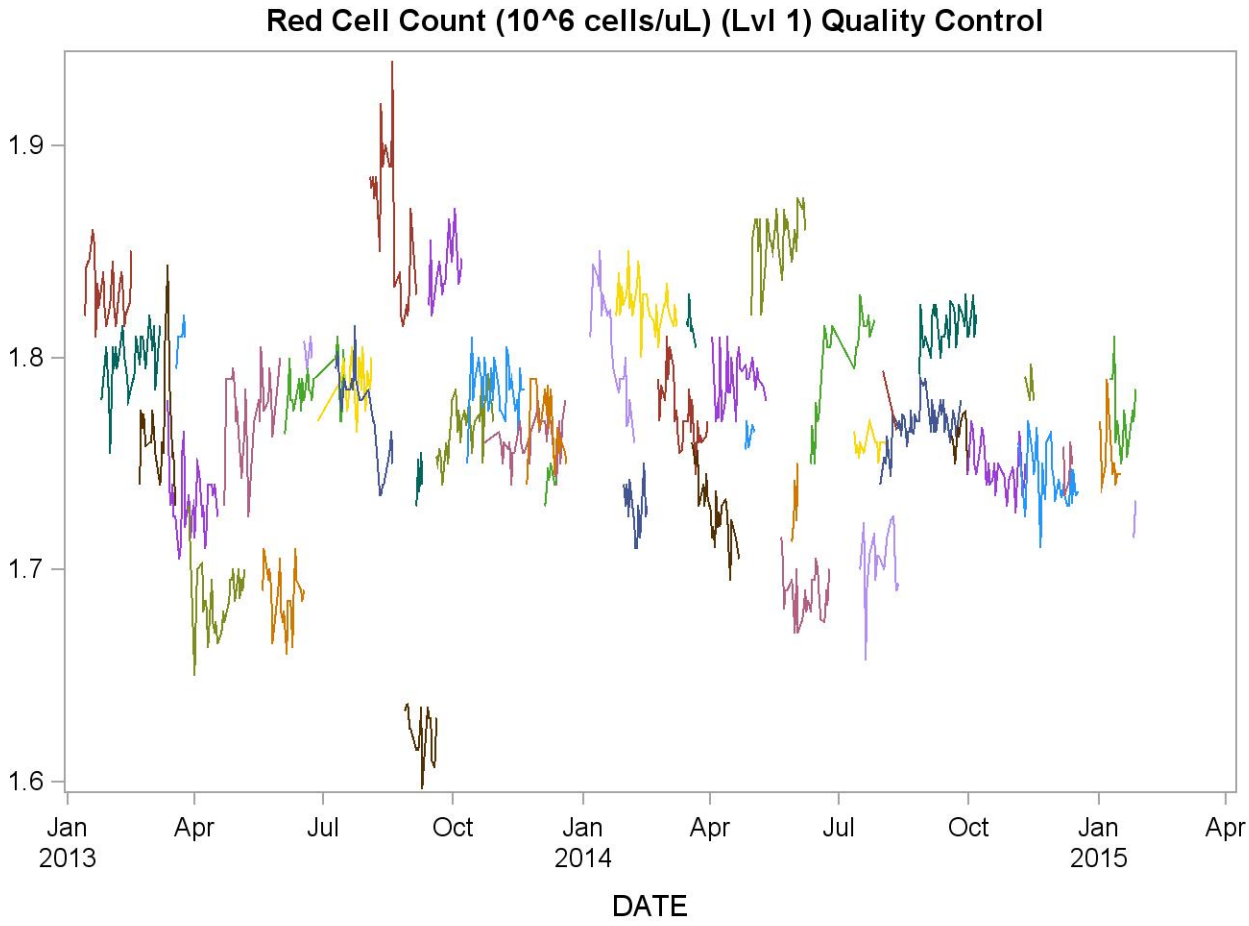
Summary Statistics for Platelet count (10^3 cells/uL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	222.0000	8.6795	3.9
142970950_13	62	13JAN13	15FEB13	237.9355	4.1838	1.8
142976150_13	58	25JAN13	07MAR13	224.8103	4.0715	1.8
142984150_13	57	21FEB13	18MAR13	217.4737	4.2093	1.9
142994710_13	58	13MAR13	17APR13	231.4138	7.5255	3.3
142999700_13	13	19MAR13	26MAR13	212.6923	3.0107	1.4
142996530_13	54	28MAR13	05MAY13	223.2778	3.4664	1.6
143008020_13	96	22APR13	31MAY13	223.9792	9.2566	4.1
143014410_13	50	19MAY13	17JUN13	220.2000	4.4538	2.0
143024780_13	48	04JUN13	16JUL13	215.8958	4.5674	2.1
143029580_13	21	17JUN13	23JUN13	225.0952	3.4771	1.5
143030800_13	32	27JUN13	04AUG13	221.9688	5.3127	2.4
143037030_13	63	10JUL13	19AUG13	220.0952	8.8056	4.0
143048150_13	65	03AUG13	05SEP13	220.5692	5.6068	2.5
143059980_13	47	28AUG13	19SEP13	223.3830	4.4651	2.0
143061580_13	15	05SEP13	09SEP13	216.3333	4.3534	2.0
143065560_13	47	14SEP13	07OCT13	212.3404	3.5342	1.7
143068610_13	62	19SEP13	29OCT13	220.7742	7.5670	3.4
143074220_13	59	07OCT13	21NOV13	221.7966	5.1152	2.3
143081700_13	61	23OCT13	19DEC13	213.7049	3.7343	1.7
143088430_13	62	22NOV13	20DEC13	212.6935	4.3328	2.0
143091680_13	24	05DEC13	13DEC13	207.2500	3.8476	1.9
143108840_14	71	06JAN14	06FEB14	219.5986	6.5692	3.0
143112740_14	61	24JAN14	08MAR14	213.4098	3.5655	1.7
143115740_14	42	30JAN14	15FEB14	220.4048	6.0043	2.7
143121380_14	57	23FEB14	30MAR14	227.1053	4.4267	1.9
143134200_14	20	15MAR14	22MAR14	226.6500	4.1710	1.8
143137160_14	54	19MAR14	21APR14	218.7407	4.1988	1.9
143141700_14	74	02APR14	11MAY14	218.7297	3.7207	1.7
143147750_14	22	26APR14	02MAY14	223.4545	3.5821	1.6
143146400_14	58	01MAY14	07JUN14	231.1207	3.6278	1.6
143153690_14	56	21MAY14	24JUN14	220.7321	6.0678	2.7
143156170_14	24	29MAY14	02JUN14	223.4167	4.3928	2.0
143163240_14	61	11JUN14	26JUL14	220.7705	4.0800	1.8
143190050_14	34	12JUL14	04AUG14	220.7647	4.2216	1.9
143190030_14	54	16JUL14	12AUG14	220.9444	8.1111	3.7
143190080_14	98	30JUL14	25SEP14	223.3367	4.2352	1.9
143190100_14	8	01AUG14	11AUG14	212.2500	3.2842	1.5
143190110_14	65	27AUG14	07OCT14	217.8000	3.2510	1.5
143190130_14	40	18SEP14	30SEP14	232.3500	4.0797	1.8
143190160_14	100	30SEP14	10NOV14	227.3100	4.9822	2.2
143190230_14	84	05NOV14	17DEC14	213.4286	5.1044	2.4
143190210_14	20	10NOV14	16NOV14	217.4000	4.7173	2.2
143190260_14	21	07DEC14	14DEC14	209.0952	3.0150	1.4
143190290_15	17	02JAN15	17JAN15	211.2941	3.9807	1.9
143190340_15	56	09JAN15	27JAN15	214.1250	4.2171	2.0
143190390_15	6	26JAN15	27JAN15	217.5000	4.6368	2.1


Platelet count (10^3 cells/uL) (Lvl 3) Quality Control
250
240
230
220
210
200
Jan
2013
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DATE

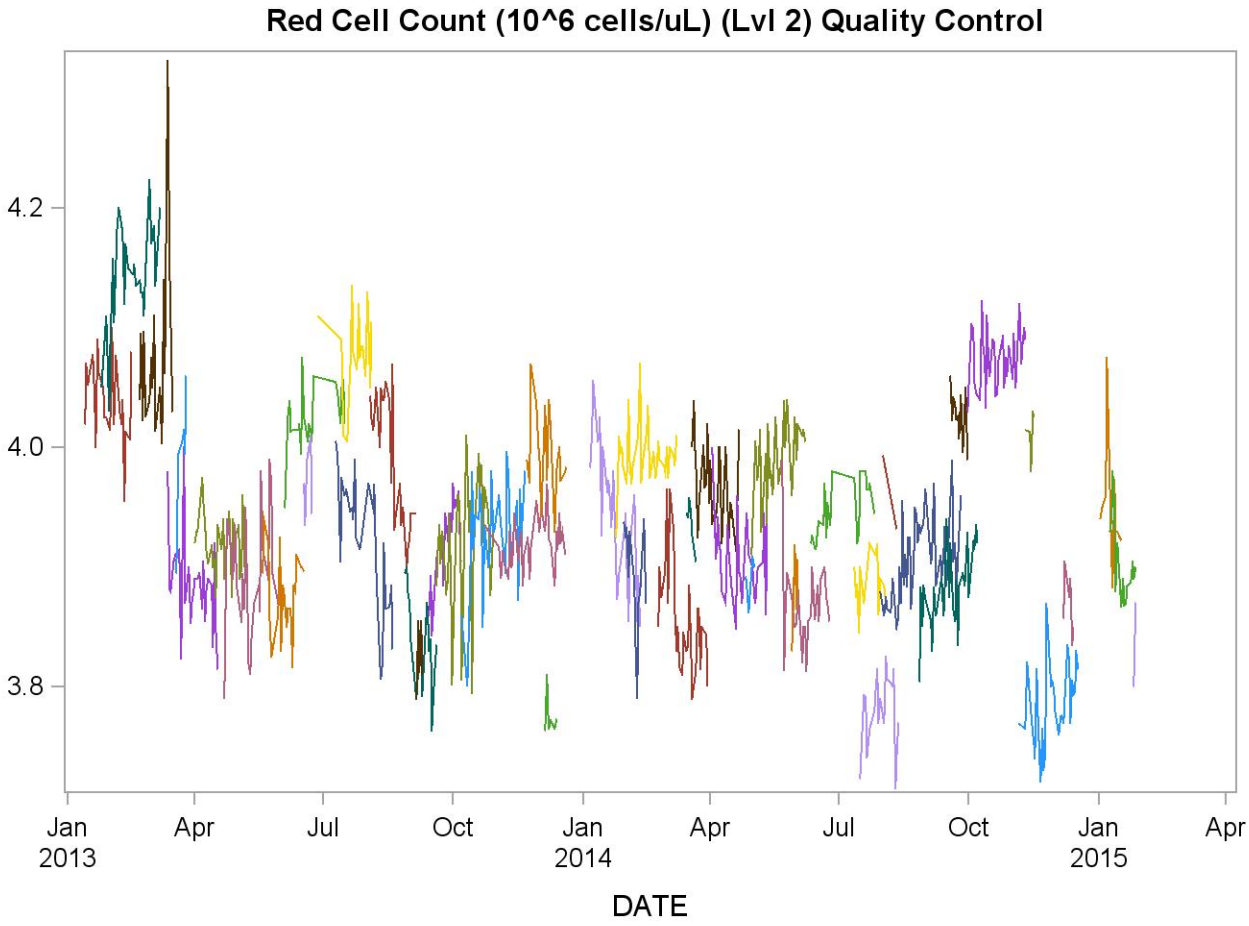
Summary Statistics for Red Cell Count (10^6 cells/uL) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	1.7233	0.0321	1.9
122970930_13	65	13JAN13	15FEB13	1.8352	0.0250	1.4
122976130_13	57	25JAN13	07MAR13	1.7996	0.0186	1.0
122984130_13	52	21FEB13	18MAR13	1.7683	0.0314	1.8
122994690_13	57	13MAR13	17APR13	1.7314	0.0242	1.4
122999670_13	12	19MAR13	26MAR13	1.8092	0.0090	0.5
122996510_13	54	28MAR13	06MAY13	1.6852	0.0161	1.0
123008000_13	79	22APR13	31MAY13	1.7666	0.0280	1.6
123014390_13	52	19MAY13	17JUN13	1.6863	0.0183	1.1
123024760_13	45	04JUN13	16JUL13	1.7847	0.0162	0.9
123029560_13	21	17JUN13	23JUN13	1.8057	0.0140	0.8
123030780_13	33	27JUN13	04AUG13	1.7897	0.0170	1.0
123037010_13	57	10JUL13	19AUG13	1.7737	0.0250	1.4
123048130_13	65	03AUG13	05SEP13	1.8597	0.0330	1.8
123059960_13	44	28AUG13	19SEP13	1.6243	0.0172	1.1
123059270_13	14	05SEP13	09SEP13	1.7436	0.0160	0.9
123065540_13	46	14SEP13	07OCT13	1.8404	0.0173	0.9
123068590_13	68	19SEP13	29OCT13	1.7688	0.0177	1.0
123074200_13	57	11OCT13	21NOV13	1.7856	0.0198	1.1
123081680_13	64	23OCT13	19DEC13	1.7606	0.0130	0.7
123088410_13	47	22NOV13	20DEC13	1.7672	0.0180	1.0
123091660_13	24	05DEC13	13DEC13	1.7417	0.0146	0.8
123108820_14	74	06JAN14	06FEB14	1.8130	0.0304	1.7
123112720_14	65	24JAN14	08MAR14	1.8246	0.0135	0.7
123115720_14	41	30JAN14	15FEB14	1.7305	0.0172	1.0
123121360_14	57	23FEB14	30MAR14	1.7739	0.0182	1.0
123134180_14	21	15MAR14	22MAR14	1.8167	0.0111	0.6
123137140_14	64	19MAR14	21APR14	1.7305	0.0193	1.1
123141680_14	75	02APR14	11MAY14	1.7848	0.0161	0.9
123147730_14	23	26APR14	02MAY14	1.7635	0.0098	0.6
123146380_14	66	30APR14	07JUN14	1.8574	0.0184	1.0
123153670_14	60	21MAY14	24JUN14	1.6872	0.0181	1.1
123156150_14	24	29MAY14	02JUN14	1.7300	0.0164	0.9
123163220_14	63	11JUN14	26JUL14	1.7914	0.0283	1.6
123170050_14	32	12JUL14	04AUG14	1.7578	0.0110	0.6
123170030_14	56	16JUL14	12AUG14	1.7046	0.0222	1.3
123170080_14	114	30JUL14	25SEP14	1.7675	0.0180	1.0
123170100_14	8	01AUG14	11AUG14	1.7763	0.0160	0.9
123170110_14	65	27AUG14	07OCT14	1.8138	0.0140	0.8
123170130_14	40	18SEP14	30SEP14	1.7623	0.0131	0.7
123170160_14	108	30SEP14	10NOV14	1.7469	0.0175	1.0
123170230_14	90	05NOV14	17DEC14	1.7416	0.0157	0.9
123170210_14	22	10NOV14	16NOV14	1.7886	0.0121	0.7
123170260_14	20	07DEC14	14DEC14	1.7505	0.0123	0.7
123170290_15	17	02JAN15	17JAN15	1.7506	0.0164	0.9
123170340_15	57	09JAN15	27JAN15	1.7708	0.0230	1.3
123170390_15	6	26JAN15	27JAN15	1.7267	0.0121	0.7


Red Cell Count (10^6 cells/uL) (Lvl 1) Quality Control
1.9
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Jan
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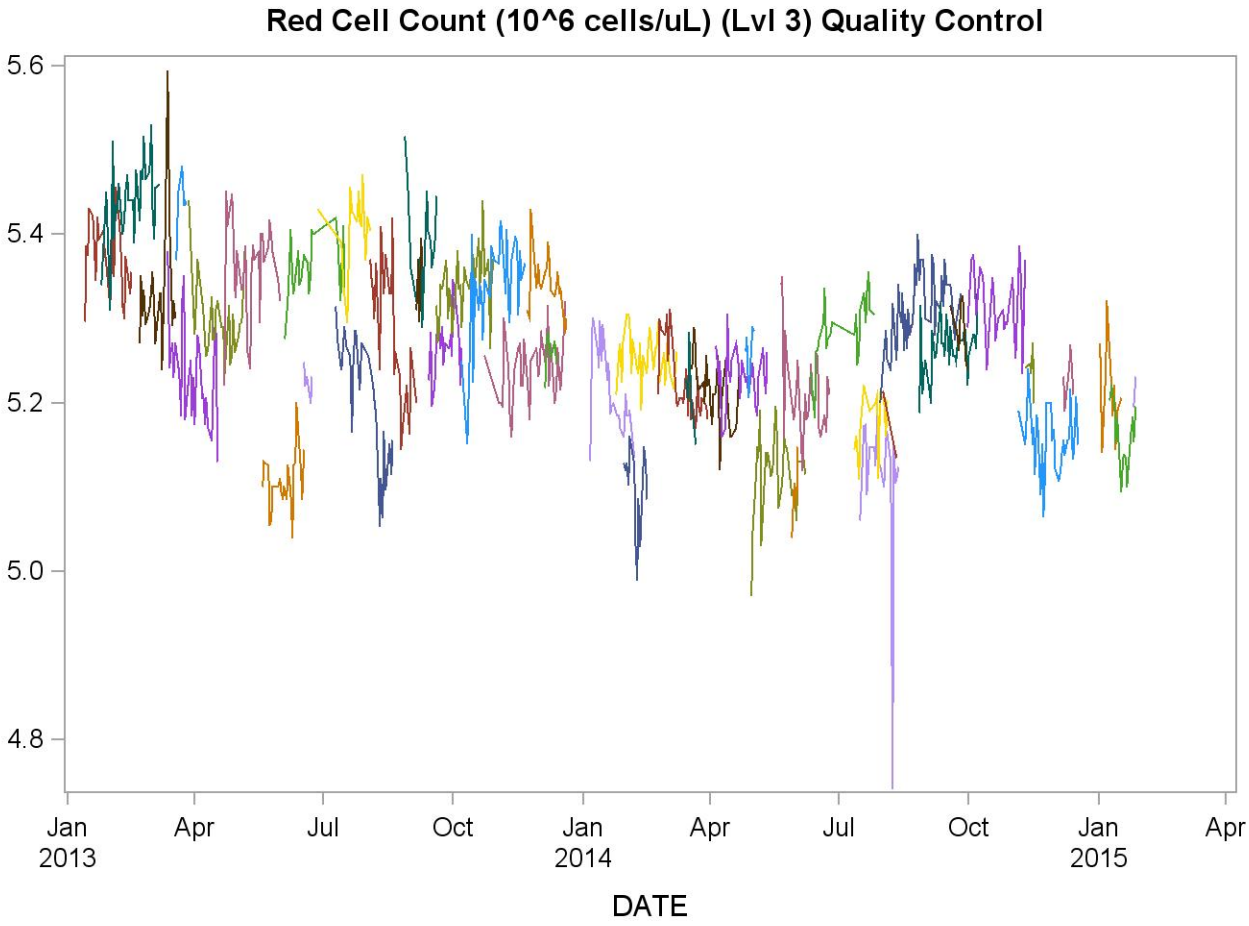
Summary Statistics for Red Cell Count (10^6 cells/uL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	3.9120	0.0976	2.5
132970940_13	64	13JAN13	15FEB13	4.0433	0.0504	1.2
132976140_13	61	25JAN13	07MAR13	4.1505	0.0569	1.4
132984140_13	56	21FEB13	16MAR13	4.0693	0.1083	2.7
132994700_13	60	13MAR13	17APR13	3.8827	0.0553	1.4
132999690_13	12	19MAR13	26MAR13	3.9942	0.0598	1.5
132996520_13	59	01APR13	06MAY13	3.9198	0.0376	1.0
133008010_13	80	22APR13	31MAY13	3.8858	0.0796	2.0
133014400_13	56	19MAY13	17JUN13	3.8779	0.0517	1.3
133024770_13	45	04JUN13	16JUL13	4.0193	0.0457	1.1
133029570_13	21	17JUN13	23JUN13	3.9700	0.0373	0.9
133030790_13	33	27JUN13	04AUG13	4.0764	0.0600	1.5
133037020_13	71	10JUL13	19AUG13	3.9046	0.0751	1.9
133048140_13	69	03AUG13	05SEP13	3.9793	0.0650	1.6
133059970_13	49	28AUG13	19SEP13	3.8414	0.0471	1.2
133061570_13	20	05SEP13	09SEP13	3.8235	0.0532	1.4
133065550_13	50	14SEP13	07OCT13	3.9056	0.0448	1.1
133068600_13	74	19SEP13	29OCT13	3.9014	0.0797	2.0
133074210_13	62	07OCT13	21NOV13	3.9323	0.0585	1.5
133081690_13	63	23OCT13	19DEC13	3.9198	0.0272	0.7
133088420_13	49	22NOV13	20DEC13	3.9922	0.0511	1.3
133091670_13	27	05DEC13	13DEC13	3.7722	0.0382	1.0
133108830_14	84	06JAN14	10FEB14	3.9590	0.0717	1.8
133112730_14	66	24JAN14	08MAR14	3.9948	0.0356	0.9
133115730_14	44	30JAN14	15FEB14	3.8998	0.0466	1.2
133121370_14	60	23FEB14	30MAR14	3.8568	0.0572	1.5
133134190_14	23	15MAR14	22MAR14	3.9400	0.0359	0.9
133137150_14	68	19MAR14	21APR14	3.9668	0.0463	1.2
133141690_14	79	02APR14	11MAY14	3.9048	0.0462	1.2
133147740_14	24	26APR14	02MAY14	3.8900	0.0287	0.7
133146390_14	64	30APR14	07JUN14	3.9852	0.0551	1.4
133153680_14	69	21MAY14	24JUN14	3.8630	0.0509	1.3
133156160_14	24	29MAY14	02JUN14	3.8838	0.0484	1.2
133163230_14	73	11JUN14	26JUL14	3.9393	0.0358	0.9
133180050_14	32	12JUL14	04AUG14	3.8816	0.0349	0.9
133180030_14	58	16JUL14	12AUG14	3.7828	0.0470	1.2
133180080_14	107	30JUL14	25SEP14	3.9021	0.0535	1.4
133180100_14	8	01AUG14	11AUG14	3.9550	0.0363	0.9
133180110_14	64	27AUG14	07OCT14	3.8767	0.0428	1.1
133180130_14	42	18SEP14	30SEP14	4.0279	0.0392	1.0
133180160_14	104	30SEP14	10NOV14	4.0722	0.0447	1.1
133180230_14	86	05NOV14	17DEC14	3.7855	0.0437	1.2
133180210_14	20	10NOV14	16NOV14	4.0135	0.0388	1.0
133180260_14	20	07DEC14	14DEC14	3.8670	0.0298	0.8
133180290_15	23	02JAN15	17JAN15	3.9404	0.0572	1.5
133180340_15	57	09JAN15	27JAN15	3.8964	0.0477	1.2
133180390_15	6	26JAN15	27JAN15	3.8467	0.0393	1.0


Red Cell Count (10^6 cells/uL) (Lvl 2) Quality Control
4.2
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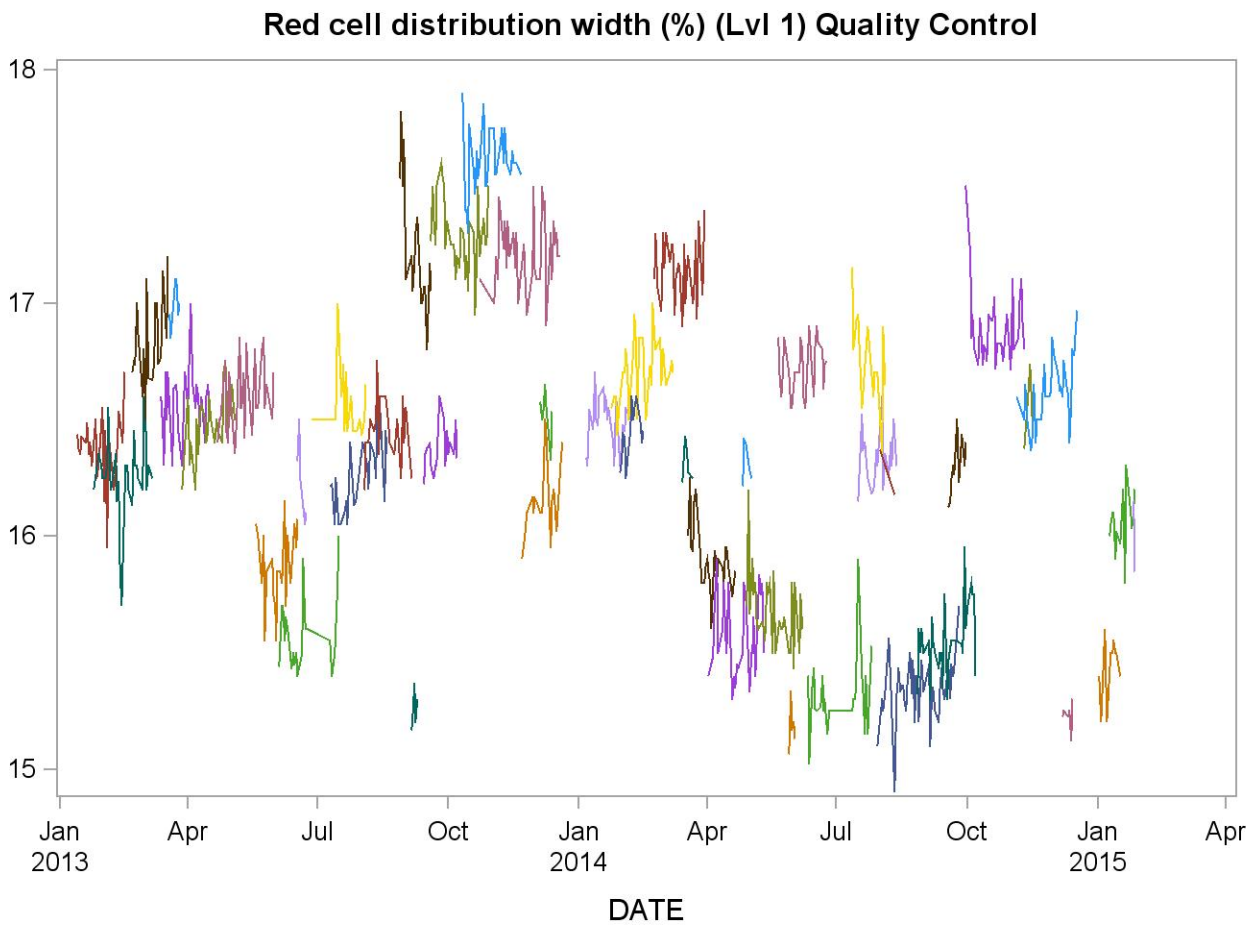
Summary Statistics for Red Cell Count (10^6 cells/uL) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	5.2850	0.1182	2.2
142970950_13	63	13JAN13	15FEB13	5.3749	0.0734	1.4
142976150_13	58	25JAN13	07MAR13	5.4381	0.0657	1.2
142984150_13	57	21FEB13	18MAR13	5.3356	0.0979	1.8
142994710_13	58	13MAR13	17APR13	5.2317	0.0772	1.5
142999700_13	13	19MAR13	26MAR13	5.4300	0.0447	0.8
142996530_13	55	28MAR13	06MAY13	5.2927	0.0572	1.1
143008020_13	96	22APR13	31MAY13	5.3621	0.0734	1.4
143014410_13	50	19MAY13	17JUN13	5.1118	0.0509	1.0
143024780_13	48	04JUN13	16JUL13	5.3585	0.0526	1.0
143029580_13	21	17JUN13	23JUN13	5.2367	0.0360	0.7
143030800_13	32	27JUN13	04AUG13	5.4084	0.0615	1.1
143037030_13	62	10JUL13	19AUG13	5.2013	0.0942	1.8
143048150_13	65	03AUG13	05SEP13	5.2791	0.0893	1.7
143059980_13	47	28AUG13	19SEP13	5.4000	0.0710	1.3
143061580_13	15	05SEP13	09SEP13	5.3420	0.0549	1.0
143065560_13	46	14SEP13	07OCT13	5.2637	0.0545	1.0
143068610_13	60	19SEP13	29OCT13	5.3385	0.0498	0.9
143074220_13	59	07OCT13	21NOV13	5.3436	0.0685	1.3
143081700_13	61	23OCT13	19DEC13	5.2354	0.0483	0.9
143088430_13	62	22NOV13	20DEC13	5.3371	0.0541	1.0
143091680_13	25	05DEC13	13DEC13	5.2604	0.0469	0.9
143108840_14	71	06JAN14	06FEB14	5.2238	0.0744	1.4
143112740_14	60	24JAN14	08MAR14	5.2532	0.0425	0.8
143115740_14	42	30JAN14	15FEB14	5.1069	0.0528	1.0
143121380_14	57	23FEB14	30MAR14	5.2239	0.0470	0.9
143134200_14	20	15MAR14	22MAR14	5.2160	0.0556	1.1
143137160_14	53	19MAR14	21APR14	5.2138	0.0440	0.8
143141700_14	72	05APR14	11MAY14	5.2342	0.0395	0.8
143147750_14	22	26APR14	02MAY14	5.2668	0.0358	0.7
143146400_14	59	30APR14	07JUN14	5.1181	0.0534	1.0
143153690_14	58	21MAY14	24JUN14	5.2069	0.0667	1.3
143156170_14	24	29MAY14	02JUN14	5.0921	0.0494	1.0
143163240_14	62	11JUN14	26JUL14	5.2731	0.0620	1.2
143190050_14	34	12JUL14	04AUG14	5.1665	0.0446	0.9
143190030_14	54	16JUL14	12AUG14	5.1033	0.1782	3.5
143190080_14	97	30JUL14	25SEP14	5.3036	0.0542	1.0
143190100_14	8	01AUG14	11AUG14	5.1638	0.0518	1.0
143190110_14	65	27AUG14	07OCT14	5.2609	0.0469	0.9
143190130_14	40	18SEP14	30SEP14	5.2908	0.0374	0.7
143190160_14	100	30SEP14	10NOV14	5.3086	0.0539	1.0
143190230_14	85	05NOV14	17DEC14	5.1526	0.0510	1.0
143190210_14	20	10NOV14	16NOV14	5.2405	0.0415	0.8
143190260_14	21	07DEC14	14DEC14	5.2357	0.0382	0.7
143190290_15	17	02JAN15	17JAN15	5.2124	0.0637	1.2
143190340_15	56	09JAN15	27JAN15	5.1576	0.0556	1.1
143190390_15	6	26JAN15	27JAN15	5.2183	0.0387	0.7


Red Cell Count (10^6 cells/uL) (Lvl 3) Quality Control
5.6
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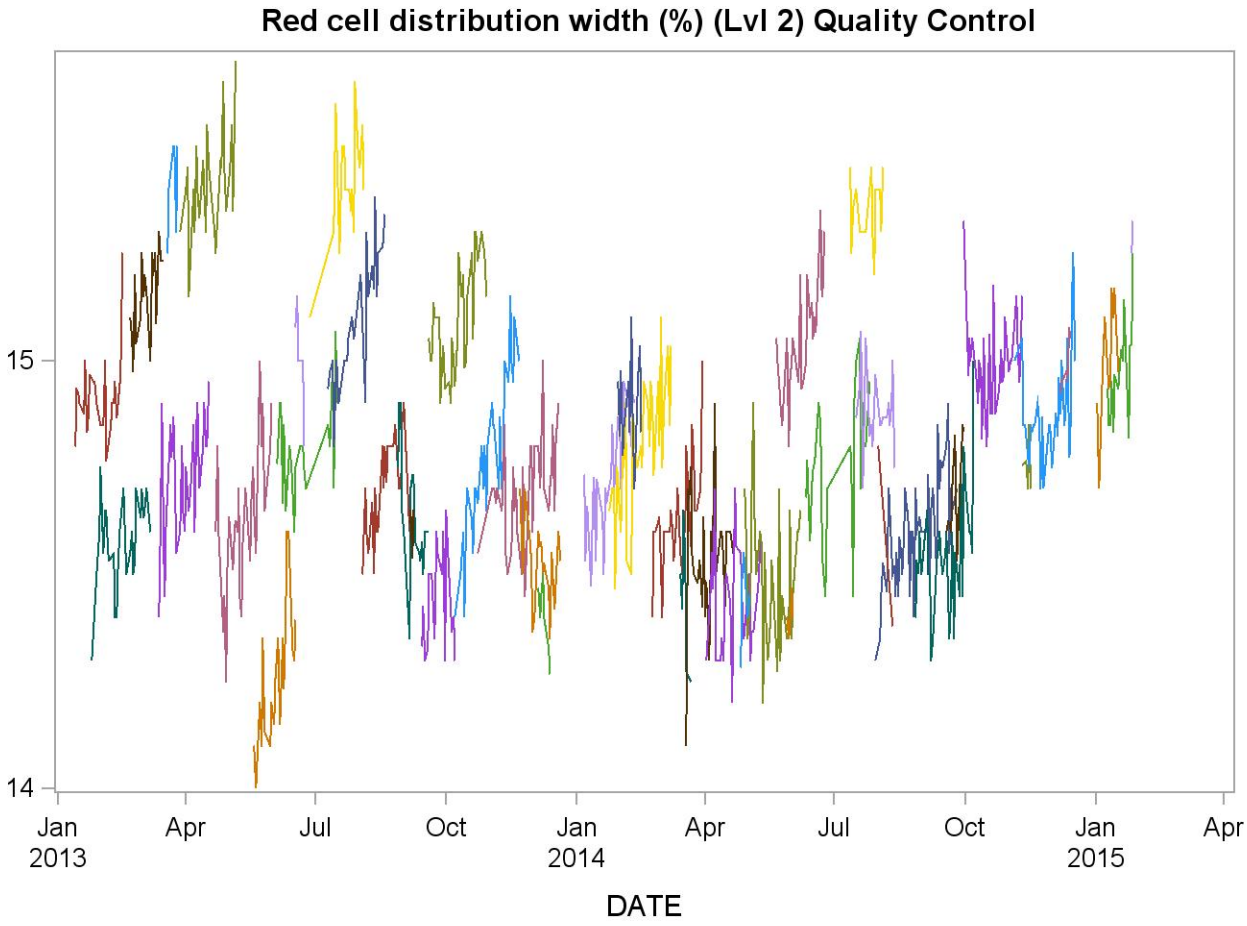
Summary Statistics for Red cell distribution width (%) (Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	16.7667	0.0577	0.3
122970930_13	65	13JAN13	15FEB13	16.3831	0.2088	1.3
122976130_13	57	25JAN13	07MAR13	16.2649	0.1950	1.2
122984130_13	53	21FEB13	18MAR13	16.8321	0.2352	1.4
122994690_13	56	13MAR13	17APR13	16.5625	0.2128	1.3
122999670_13	12	19MAR13	26MAR13	16.9917	0.1929	1.1
122996510_13	53	28MAR13	06MAY13	16.4906	0.1632	1.0
123008000_13	79	22APR13	31MAY13	16.5728	0.2288	1.4
123014390_13	52	19MAY13	17JUN13	15.9058	0.2253	1.4
123024760_13	45	04JUN13	16JUL13	15.5711	0.2181	1.4
123029560_13	21	17JUN13	23JUN13	16.2857	0.2151	1.3
123030780_13	33	27JUN13	04AUG13	16.5455	0.1986	1.2
123037010_13	57	10JUL13	19AUG13	16.2614	0.2102	1.3
123048130_13	64	03AUG13	05SEP13	16.4391	0.1924	1.2
123059960_13	45	28AUG13	19SEP13	17.2733	0.3229	1.9
123059270_13	14	05SEP13	09SEP13	15.2429	0.1785	1.2
123065540_13	46	14SEP13	07OCT13	16.3630	0.1624	1.0
123068590_13	70	19SEP13	29OCT13	17.2871	0.2180	1.3
123074200_13	57	11OCT13	21NOV13	17.6070	0.1761	1.0
123081680_13	65	23OCT13	19DEC13	17.2108	0.1888	1.1
123088410_13	47	22NOV13	20DEC13	16.1872	0.2193	1.4
123091660_13	24	05DEC13	13DEC13	16.5250	0.1824	1.1
123108820_14	74	06JAN14	06FEB14	16.5014	0.2084	1.3
123112720_14	65	24JAN14	08MAR14	16.7138	0.1667	1.0
123115720_14	41	30JAN14	15FEB14	16.4220	0.1864	1.1
123121360_14	57	23FEB14	30MAR14	17.1316	0.1814	1.1
123134180_14	21	15MAR14	22MAR14	16.3286	0.1454	0.9
123137140_14	64	19MAR14	21APR14	15.9094	0.1974	1.2
123141680_14	75	02APR14	11MAY14	15.5920	0.2222	1.4
123147730_14	23	26APR14	02MAY14	16.3174	0.1302	0.8
123146380_14	67	29APR14	07JUN14	15.6522	0.2370	1.5
123153670_14	60	21MAY14	24JUN14	16.7117	0.1795	1.1
123156150_14	24	29MAY14	02JUN14	15.2000	0.2085	1.4
123163220_14	63	11JUN14	26JUL14	15.3095	0.2022	1.3
123170050_14	32	12JUL14	04AUG14	16.7938	0.2906	1.7
123170030_14	58	16JUL14	12AUG14	16.3293	0.2136	1.3
123170080_14	114	30JUL14	25SEP14	15.3535	0.1761	1.1
123170100_14	8	01AUG14	11AUG14	16.2500	0.2563	1.6
123170110_14	65	27AUG14	07OCT14	15.5354	0.2080	1.3
123170130_14	40	18SEP14	30SEP14	16.3050	0.2207	1.4
123170160_14	108	30SEP14	10NOV14	16.8815	0.2396	1.4
123170230_14	90	05NOV14	17DEC14	16.6444	0.2308	1.4
123170210_14	22	10NOV14	16NOV14	16.4773	0.2266	1.4
123170260_14	20	07DEC14	14DEC14	15.2200	0.1240	0.8
123170290_15	17	02JAN15	17JAN15	15.4588	0.1326	0.9
123170340_15	57	09JAN15	27JAN15	16.0614	0.2102	1.3
123170390_15	6	26JAN15	27JAN15	15.9500	0.2074	1.3


Red cell distribution width (%) (Lvl 1) Quality Control
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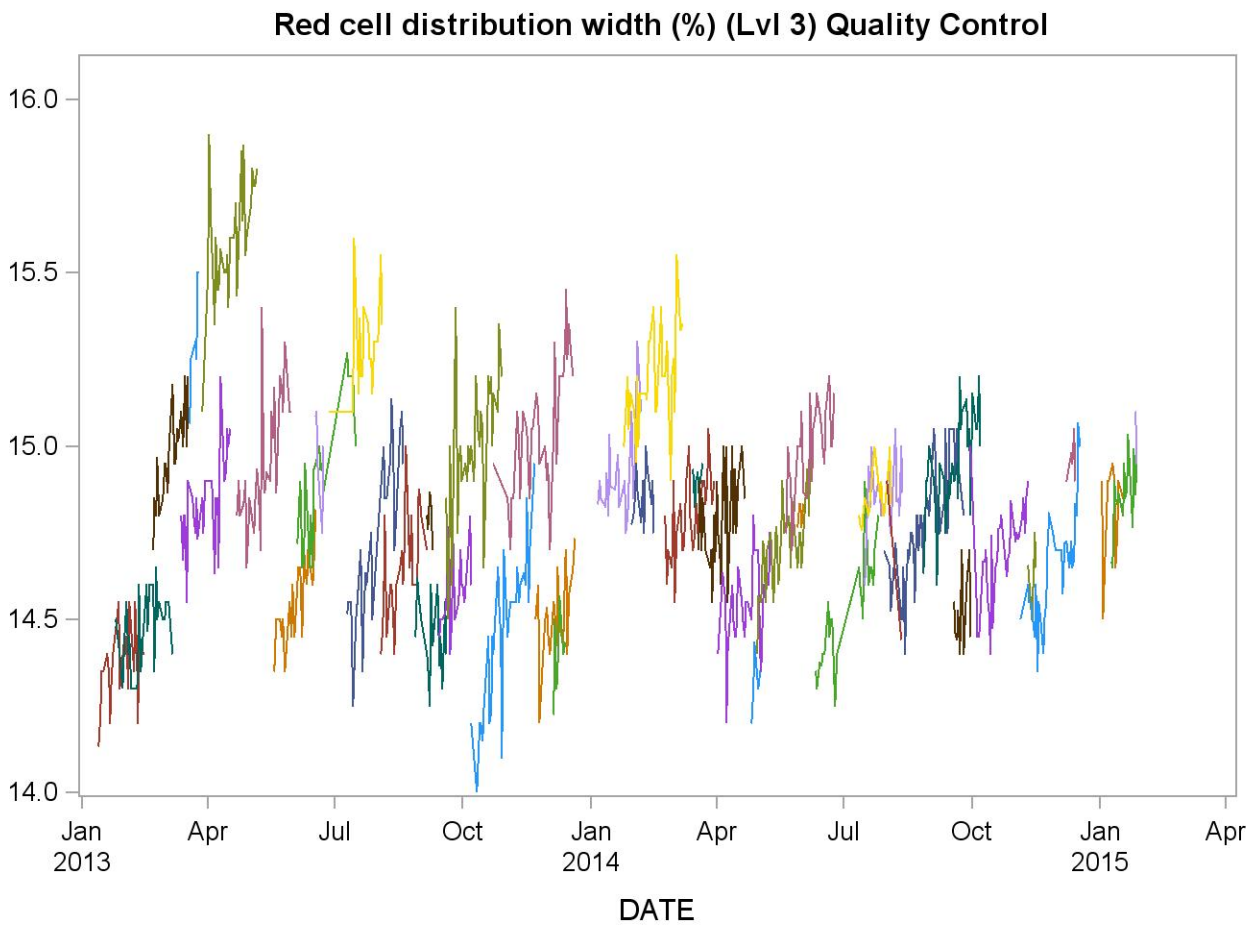
Summary Statistics for Red cell distribution width (%) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	14.6600	0.1517	1.0
132970940_13	64	13JAN13	15FEB13	14.9109	0.1634	1.1
132976140_13	61	25JAN13	07MAR13	14.5787	0.1368	0.9
132984140_13	57	21FEB13	16MAR13	15.1439	0.1783	1.2
132994700_13	61	13MAR13	17APR13	14.7344	0.1914	1.3
132999690_13	12	19MAR13	26MAR13	15.4083	0.1730	1.1
132996520_13	60	28MAR13	06MAY13	15.4217	0.1563	1.0
133008010_13	81	22APR13	31MAY13	14.6019	0.2010	1.4
133014400_13	56	19MAY13	17JUN13	14.2821	0.1840	1.3
133024770_13	45	04JUN13	16JUL13	14.7889	0.1599	1.1
133029570_13	21	17JUN13	23JUN13	15.0429	0.1502	1.0
133030790_13	33	27JUN13	04AUG13	15.4273	0.1442	0.9
133037020_13	71	10JUL13	19AUG13	15.1211	0.2190	1.4
133048140_13	68	03AUG13	05SEP13	14.6846	0.1687	1.1
133059970_13	49	28AUG13	19SEP13	14.6612	0.2234	1.5
133061570_13	20	05SEP13	09SEP13	14.6150	0.1755	1.2
133065550_13	50	14SEP13	07OCT13	14.4220	0.1682	1.2
133068600_13	74	19SEP13	29OCT13	15.0770	0.2078	1.4
133074210_13	62	07OCT13	21NOV13	14.7823	0.2084	1.4
133081690_13	64	23OCT13	19DEC13	14.6969	0.1563	1.1
133088420_13	50	22NOV13	20DEC13	14.5060	0.1449	1.0
133091670_13	27	05DEC13	13DEC13	14.4111	0.1717	1.2
133108830_14	84	06JAN14	10FEB14	14.7024	0.1783	1.2
133112730_14	66	24JAN14	08MAR14	14.8015	0.1810	1.2
133115730_14	45	30JAN14	15FEB14	14.8956	0.1522	1.0
133121370_14	60	23FEB14	30MAR14	14.6283	0.1606	1.1
133134190_14	23	15MAR14	22MAR14	14.4565	0.2253	1.6
133137150_14	68	19MAR14	21APR14	14.5338	0.1645	1.1
133141690_14	79	02APR14	11MAY14	14.4544	0.1600	1.1
133147740_14	24	26APR14	02MAY14	14.4208	0.1615	1.1
133146390_14	65	29APR14	07JUN14	14.4831	0.1816	1.3
133153680_14	69	21MAY14	24JUN14	15.0377	0.1775	1.2
133156160_14	24	29MAY14	02JUN14	14.4000	0.1560	1.1
133163230_14	73	11JUN14	26JUL14	14.7342	0.1773	1.2
133180050_14	32	12JUL14	04AUG14	15.3563	0.1564	1.0
133180030_14	57	16JUL14	12AUG14	14.9088	0.1418	1.0
133180080_14	108	30JUL14	25SEP14	14.5833	0.1655	1.1
133180100_14	8	01AUG14	11AUG14	14.5375	0.2825	1.9
133180110_14	64	27AUG14	07OCT14	14.5250	0.1817	1.3
133180130_14	42	18SEP14	30SEP14	14.6952	0.1592	1.1
133180160_14	104	30SEP14	10NOV14	14.9885	0.1881	1.3
133180230_14	86	05NOV14	17DEC14	14.8919	0.1723	1.2
133180210_14	20	10NOV14	16NOV14	14.7550	0.1234	0.8
133180260_14	20	07DEC14	14DEC14	14.9850	0.1137	0.8
133180290_15	23	02JAN15	17JAN15	15.0261	0.1764	1.2
133180340_15	57	09JAN15	27JAN15	14.9772	0.1669	1.1
133180390_15	6	26JAN15	27JAN15	15.3000	0.1549	1.0


Red cell distribution width (%) (Lvl 2) Quality Control
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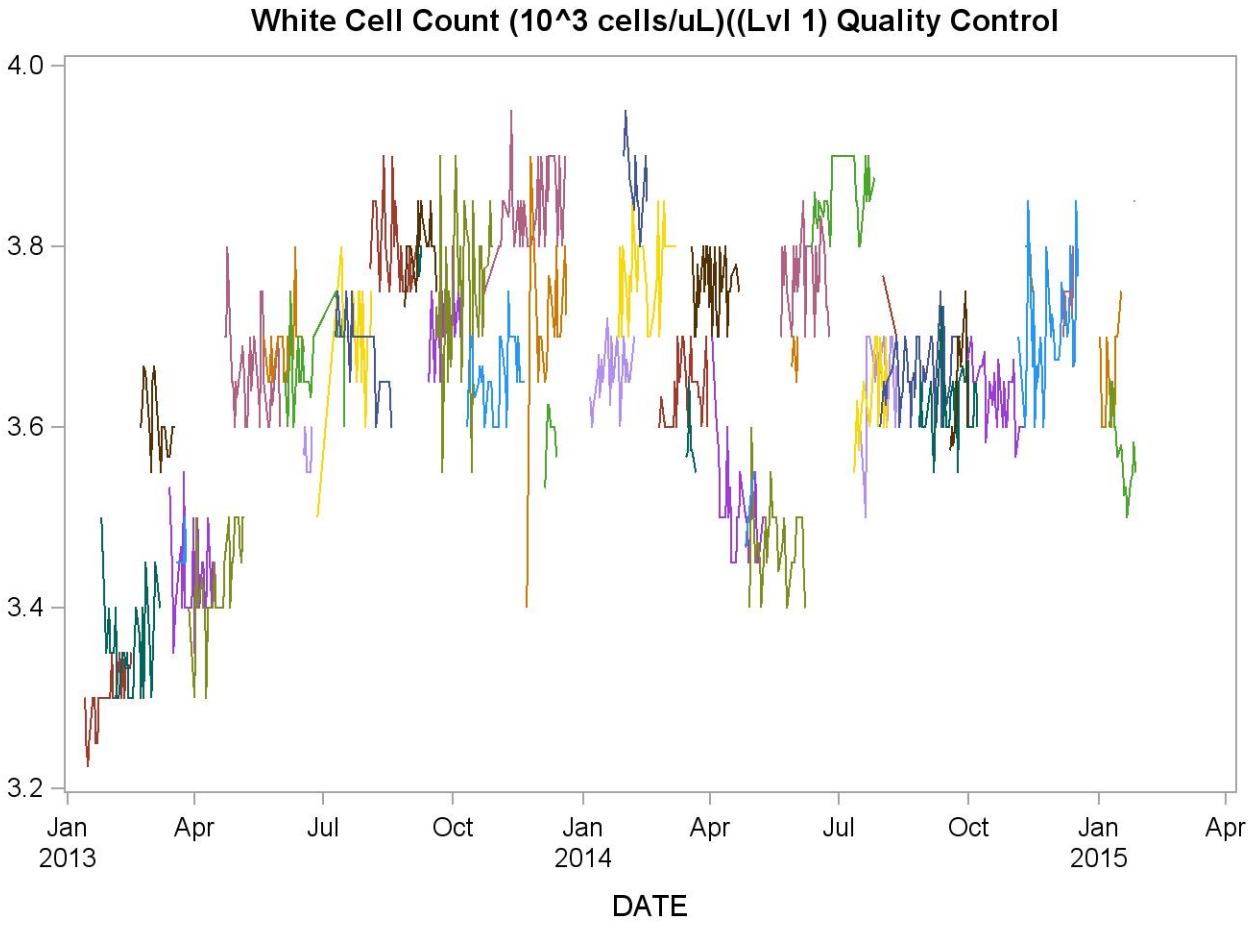
Summary Statistics for Red cell distribution width (%) (Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	16.1000	0.3367	2.1
142970950_13	63	13JAN13	15FEB13	14.3635	0.1451	1.0
142976150_13	58	25JAN13	07MAR13	14.4810	0.1456	1.0
142984150_13	58	21FEB13	18MAR13	14.9741	0.1925	1.3
142994710_13	59	13MAR13	17APR13	14.8220	0.1713	1.2
142999700_13	13	19MAR13	26MAR13	15.2923	0.2100	1.4
142996530_13	55	28MAR13	06MAY13	15.6055	0.2059	1.3
143008020_13	96	22APR13	31MAY13	14.9115	0.1999	1.3
143014410_13	50	19MAY13	17JUN13	14.6080	0.2009	1.4
143024780_13	49	04JUN13	16JUL13	14.9102	0.2519	1.7
143029580_13	21	17JUN13	23JUN13	15.0333	0.1494	1.0
143030800_13	32	27JUN13	04AUG13	15.2938	0.1865	1.2
143037030_13	64	10JUL13	19AUG13	14.7266	0.2796	1.9
143048150_13	65	03AUG13	05SEP13	14.6215	0.2012	1.4
143059980_13	48	28AUG13	19SEP13	14.4875	0.1645	1.1
143061580_13	15	05SEP13	09SEP13	14.8000	0.1558	1.1
143065560_13	47	14SEP13	07OCT13	14.5660	0.1372	0.9
143068610_13	62	19SEP13	29OCT13	15.0097	0.2288	1.5
143074220_13	59	07OCT13	21NOV13	14.4763	0.2445	1.7
143081700_13	62	23OCT13	19DEC13	15.0452	0.2148	1.4
143088430_13	62	22NOV13	20DEC13	14.5452	0.1931	1.3
143091680_13	25	05DEC13	13DEC13	14.3800	0.1555	1.1
143108840_14	71	06JAN14	06FEB14	14.9085	0.1755	1.2
143112740_14	61	24JAN14	08MAR14	15.2000	0.1751	1.2
143115740_14	42	30JAN14	15FEB14	14.8524	0.1612	1.1
143121380_14	57	23FEB14	30MAR14	14.8035	0.1523	1.0
143134200_14	20	15MAR14	22MAR14	14.8950	0.1731	1.2
143137160_14	54	19MAR14	21APR14	14.7852	0.1642	1.1
143141700_14	74	02APR14	11MAY14	14.5649	0.1794	1.2
143147750_14	22	26APR14	02MAY14	14.2955	0.1759	1.2
143146400_14	59	30APR14	07JUN14	14.7254	0.1646	1.1
143153690_14	58	21MAY14	24JUN14	14.9879	0.1687	1.1
143156170_14	24	29MAY14	02JUN14	14.8083	0.1213	0.8
143163240_14	62	11JUN14	26JUL14	14.4742	0.2016	1.4
143190050_14	33	12JUL14	04AUG14	14.8212	0.1244	0.8
143190030_14	54	16JUL14	12AUG14	14.8481	0.1476	1.0
143190080_14	98	30JUL14	25SEP14	14.7490	0.2001	1.4
143190100_14	8	01AUG14	11AUG14	14.6125	0.3091	2.1
143190110_14	65	27AUG14	07OCT14	14.9123	0.1941	1.3
143190130_14	40	18SEP14	30SEP14	14.5250	0.1676	1.2
143190160_14	100	30SEP14	10NOV14	14.6900	0.1749	1.2
143190230_14	85	05NOV14	17DEC14	14.6800	0.1969	1.3
143190210_14	20	10NOV14	16NOV14	14.6400	0.1603	1.1
143190260_14	21	07DEC14	14DEC14	14.9571	0.1399	0.9
143190290_15	17	02JAN15	17JAN15	14.8294	0.1532	1.0
143190340_15	55	09JAN15	27JAN15	14.8664	0.1564	1.1
143190390_15	6	26JAN15	27JAN15	15.0000	0.1549	1.0


Red cell distribution width (%) (Lvl 3) Quality Control
16.0
15.5
15.0
14.5
14.0
Jan
2013
Apr
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2015
Apr
DATE

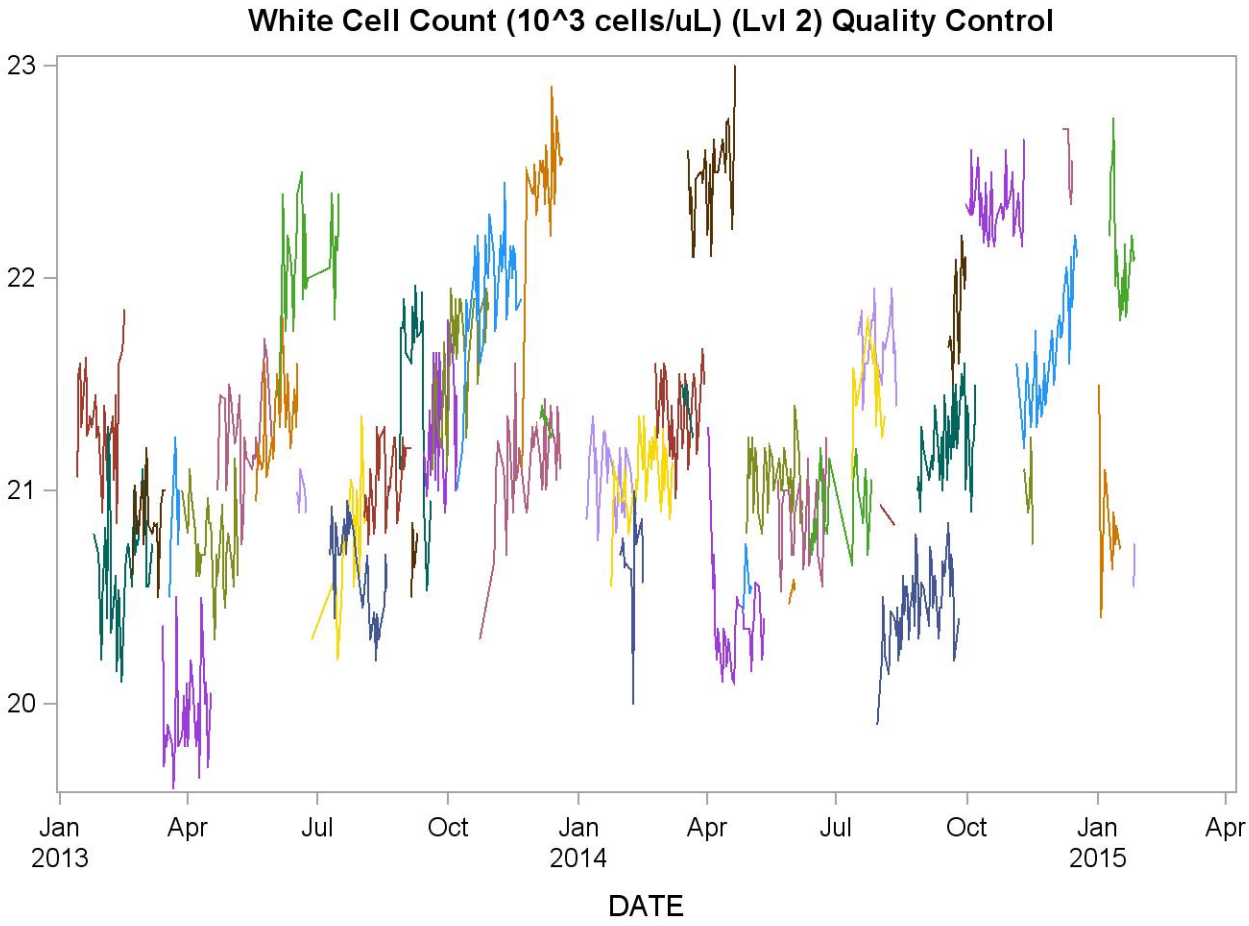
Summary Statistics for White Cell Count (10^3 cells/uL)((Lvl 1)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
122955560_13	3	13JAN13	13JAN13	3.6000	0.1000	2.8
122970930_13	64	13JAN13	15FEB13	3.2953	0.0547	1.7
122976130_13	57	25JAN13	07MAR13	3.3579	0.0625	1.9
122984130_13	53	21FEB13	18MAR13	3.6113	0.0698	1.9
122994690_13	56	14MAR13	17APR13	3.4375	0.0648	1.9
122999670_13	12	19MAR13	26MAR13	3.4583	0.0515	1.5
122996510_13	54	28MAR13	06MAY13	3.4278	0.0656	1.9
123008000_13	77	22APR13	31MAY13	3.6597	0.0634	1.7
123014390_13	51	19MAY13	17JUN13	3.6863	0.0448	1.2
123024760_13	45	04JUN13	16JUL13	3.6733	0.0654	1.8
123029560_13	21	17JUN13	23JUN13	3.5714	0.0561	1.6
123030780_13	33	27JUN13	04AUG13	3.7000	0.0750	2.0
123037010_13	57	10JUL13	19AUG13	3.6825	0.0601	1.6
123048130_13	64	03AUG13	05SEP13	3.8000	0.0535	1.4
123059960_13	44	28AUG13	19SEP13	3.8000	0.0571	1.5
123059270_13	14	05SEP13	09SEP13	3.7929	0.0475	1.3
123065540_13	46	14SEP13	07OCT13	3.7087	0.0551	1.5
123068590_13	70	19SEP13	29OCT13	3.7543	0.1200	3.2
123074200_13	57	11OCT13	21NOV13	3.6561	0.0567	1.6
123081680_13	65	23OCT13	19DEC13	3.8400	0.0581	1.5
123088410_13	46	22NOV13	20DEC13	3.7130	0.0909	2.4
123091660_13	23	05DEC13	13DEC13	3.5957	0.0475	1.3
123108820_14	73	06JAN14	06FEB14	3.6630	0.0808	2.2
123112720_14	65	24JAN14	08MAR14	3.7662	0.0619	1.6
123115720_14	40	30JAN14	15FEB14	3.8825	0.0594	1.5
123121360_14	56	23FEB14	30MAR14	3.6393	0.0493	1.4
123134180_14	21	15MAR14	22MAR14	3.5857	0.0573	1.6
123137140_14	64	19MAR14	21APR14	3.7531	0.0642	1.7
123141680_14	75	02APR14	11MAY14	3.5347	0.0668	1.9
123147730_14	23	26APR14	02MAY14	3.5000	0.0522	1.5
123146380_14	67	29APR14	07JUN14	3.4731	0.0592	1.7
123153670_14	60	21MAY14	24JUN14	3.7683	0.0651	1.7
123156150_14	24	29MAY14	02JUN14	3.6792	0.0588	1.6
123163220_14	63	11JUN14	26JUL14	3.8460	0.0502	1.3
123170050_14	32	12JUL14	04AUG14	3.6188	0.0592	1.6
123170030_14	58	16JUL14	12AUG14	3.6379	0.0855	2.3
123170080_14	112	30JUL14	25SEP14	3.6616	0.0619	1.7
123170100_14	8	01AUG14	11AUG14	3.7250	0.0463	1.2
123170110_14	65	27AUG14	07OCT14	3.6292	0.0631	1.7
123170130_14	40	18SEP14	30SEP14	3.6400	0.0778	2.1
123170160_14	108	30SEP14	10NOV14	3.6352	0.0585	1.6
123170230_14	90	05NOV14	17DEC14	3.7083	0.0739	2.0
123170210_14	21	10NOV14	16NOV14	3.7857	0.0359	0.9
123170260_14	20	07DEC14	14DEC14	3.7400	0.0503	1.3
123170290_15	17	02JAN15	17JAN15	3.6588	0.0618	1.7
123170340_15	56	09JAN15	27JAN15	3.5661	0.0695	1.9
123170390_15	6	26JAN15	27JAN15	3.8500	0.0548	1.4


White Cell Count (10^3 cells/uL)((Lvl 1) Quality Control
4.0
3.8
3.6
3.4
3.2
Jan
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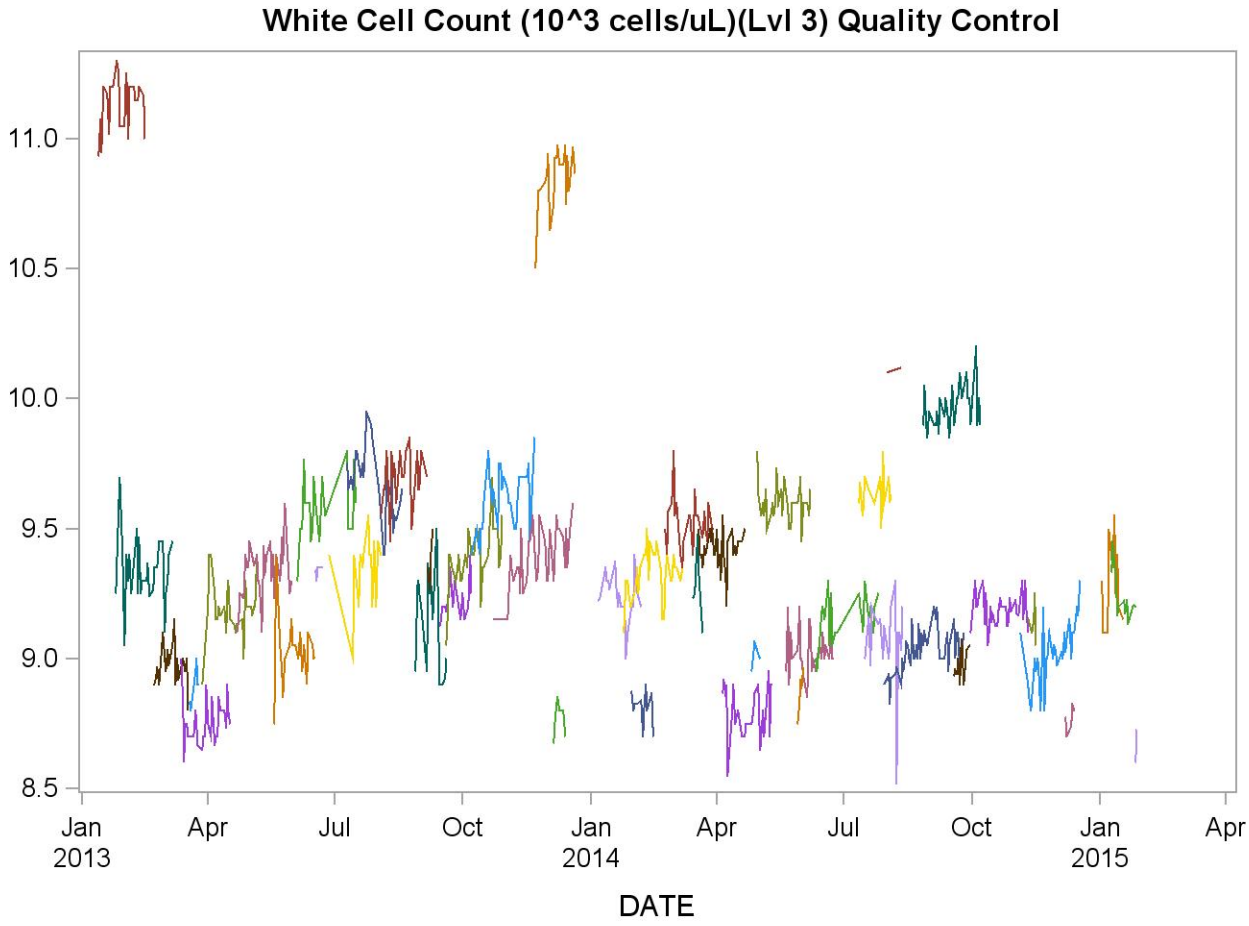
Summary Statistics for White Cell Count (10^3 cells/uL) (Lvl 2)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
132955600_13	5	13JAN13	13JAN13	21.1400	0.3847	1.8
132970940_13	65	13JAN13	15FEB13	21.3554	0.2932	1.4
132976140_13	61	25JAN13	07MAR13	20.6885	0.3327	1.6
132984140_13	56	21FEB13	16MAR13	20.8411	0.3155	1.5
132994700_13	60	14MAR13	17APR13	19.9583	0.2895	1.5
132999690_13	12	19MAR13	26MAR13	20.8833	0.4108	2.0
132996520_13	60	28MAR13	06MAY13	20.7483	0.3022	1.5
133008010_13	80	22APR13	31MAY13	21.2588	0.3302	1.6
133014400_13	56	19MAY13	17JUN13	21.4000	0.3151	1.5
133024770_13	45	04JUN13	16JUL13	22.0156	0.3444	1.6
133029570_13	21	17JUN13	23JUN13	20.9857	0.1905	0.9
133030790_13	33	27JUN13	04AUG13	20.7939	0.2882	1.4
133037020_13	70	10JUL13	19AUG13	20.5900	0.2616	1.3
133048140_13	69	03AUG13	05SEP13	21.0333	0.2267	1.1
133059970_13	49	28AUG13	19SEP13	21.4776	0.5716	2.7
133061570_13	20	05SEP13	09SEP13	20.6900	0.3243	1.6
133065550_13	50	14SEP13	07OCT13	21.2600	0.3692	1.7
133068600_13	74	19SEP13	29OCT13	21.5932	0.3643	1.7
133074210_13	62	07OCT13	21NOV13	21.9629	0.3437	1.6
133081690_13	63	23OCT13	19DEC13	21.1286	0.2762	1.3
133088420_13	49	22NOV13	20DEC13	22.4776	0.3525	1.6
133091670_13	26	05DEC13	13DEC13	21.3231	0.2233	1.0
133108830_14	84	06JAN14	10FEB14	21.0714	0.2753	1.3
133112730_14	66	24JAN14	08MAR14	21.0470	0.2342	1.1
133115730_14	45	30JAN14	15FEB14	20.6733	0.2416	1.2
133121370_14	59	24FEB14	30MAR14	21.3712	0.2607	1.2
133134190_14	23	15MAR14	22MAR14	21.4348	0.1668	0.8
133137150_14	68	19MAR14	21APR14	22.4882	0.2495	1.1
133141690_14	79	02APR14	11MAY14	20.3835	0.2696	1.3
133147740_14	24	26APR14	02MAY14	20.5292	0.1805	0.9
133146390_14	64	29APR14	07JUN14	21.0578	0.2252	1.1
133153680_14	69	21MAY14	24JUN14	20.8333	0.2742	1.3
133156160_14	24	29MAY14	02JUN14	20.5333	0.2615	1.3
133163230_14	72	11JUN14	26JUL14	20.8764	0.2316	1.1
133180050_14	32	12JUL14	04AUG14	21.4563	0.2285	1.1
133180030_14	58	16JUL14	12AUG14	21.6845	0.2777	1.3
133180080_14	108	30JUL14	25SEP14	20.4398	0.2524	1.2
133180100_14	8	01AUG14	11AUG14	20.8750	0.1282	0.6
133180110_14	64	27AUG14	07OCT14	21.2219	0.2347	1.1
133180130_14	42	18SEP14	30SEP14	21.8429	0.3046	1.4
133180160_14	104	30SEP14	10NOV14	22.3260	0.2365	1.1
133180230_14	87	05NOV14	17DEC14	21.7299	0.3664	1.7
133180210_14	20	10NOV14	16NOV14	21.0400	0.2927	1.4
133180260_14	20	07DEC14	14DEC14	22.5600	0.2563	1.1
133180290_15	23	02JAN15	17JAN15	20.8130	0.2492	1.2
133180340_15	57	09JAN15	27JAN15	22.0842	0.3950	1.8
133180390_15	6	26JAN15	27JAN15	20.6833	0.1472	0.7


White Cell Count (10^3 cells/uL) (Lvl 2) Quality Control
23
22
21
20
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2015
Apr
DATE

Summary Statistics for White Cell Count (10^3 cells/uL)(Lvl 3)

Lot	N	Start Date	End Date	Mean	Standard Deviation	Coefficient of Variation
142956050_13	4	13JAN13	13JAN13	9.7500	0.1291	1.3
142970950_13	63	13JAN13	15FEB13	11.1254	0.1576	1.4
142976150_13	58	25JAN13	07MAR13	9.3310	0.1524	1.6
142984150_13	57	21FEB13	18MAR13	8.9684	0.0967	1.1
142994710_13	59	13MAR13	17APR13	8.7559	0.1290	1.5
142999700_13	13	19MAR13	26MAR13	8.8923	0.0862	1.0
142996530_13	54	28MAR13	06MAY13	9.1852	0.1433	1.6
143008020_13	95	22APR13	31MAY13	9.3484	0.1352	1.4
143014410_13	50	19MAY13	17JUN13	9.0160	0.1530	1.7
143024780_13	48	04JUN13	16JUL13	9.5750	0.2037	2.1
143029580_13	21	17JUN13	23JUN13	9.3381	0.0973	1.0
143030800_13	32	27JUN13	04AUG13	9.3594	0.1411	1.5
143037030_13	62	10JUL13	19AUG13	9.6806	0.1716	1.8
143048150_13	64	03AUG13	05SEP13	9.6688	0.1344	1.4
143059980_13	47	28AUG13	19SEP13	9.1617	0.2642	2.9
143061580_13	15	05SEP13	09SEP13	9.3467	0.1457	1.6
143065560_13	46	14SEP13	07OCT13	9.2065	0.1041	1.1
143068610_13	61	19SEP13	29OCT13	9.3967	0.1483	1.6
143074220_13	58	07OCT13	21NOV13	9.6345	0.1345	1.4
143081700_13	62	23OCT13	19DEC13	9.3919	0.1474	1.6
143088430_13	62	22NOV13	20DEC13	10.8871	0.2052	1.9
143091680_13	25	05DEC13	13DEC13	8.7760	0.1200	1.4
143108840_14	70	06JAN14	06FEB14	9.2586	0.1367	1.5
143112740_14	60	24JAN14	08MAR14	9.3317	0.1200	1.3
143115740_14	41	30JAN14	15FEB14	8.8220	0.1107	1.3
143121380_14	57	23FEB14	30MAR14	9.5211	0.1278	1.3
143134200_14	20	15MAR14	22MAR14	9.3100	0.1518	1.6
143137160_14	54	19MAR14	21APR14	9.4204	0.0898	1.0
143141700_14	73	05APR14	11MAY14	8.8110	0.1297	1.5
143147750_14	22	26APR14	02MAY14	9.0045	0.0950	1.1
143146400_14	59	30APR14	07JUN14	9.6017	0.1182	1.2
143153690_14	58	21MAY14	24JUN14	9.0121	0.1077	1.2
143156170_14	23	29MAY14	02JUN14	8.8783	0.1347	1.5
143163240_14	60	11JUN14	26JUL14	9.1433	0.1212	1.3
143190050_14	34	12JUL14	04AUG14	9.6265	0.1109	1.2
143190030_14	54	16JUL14	12AUG14	9.0556	0.2567	2.8
143190080_14	98	30JUL14	25SEP14	9.0173	0.1176	1.3
143190100_14	8	01AUG14	11AUG14	10.1125	0.0991	1.0
143190110_14	65	27AUG14	07OCT14	9.9646	0.1217	1.2
143190130_14	39	18SEP14	30SEP14	8.9897	0.1165	1.3
143190160_14	100	30SEP14	10NOV14	9.1750	0.1149	1.3
143190230_14	85	05NOV14	17DEC14	9.0341	0.1444	1.6
143190210_14	20	10NOV14	16NOV14	9.1450	0.0999	1.1
143190260_14	21	07DEC14	14DEC14	8.7762	0.0831	0.9
143190290_15	16	02JAN15	17JAN15	9.3000	0.1549	1.7
143190340_15	56	09JAN15	27JAN15	9.2259	0.1540	1.7
143190390_15	6	26JAN15	27JAN15	8.6833	0.0983	1.1


White Cell Count (10^3 cells/uL)(Lvl 3) Quality Control
11.0
10.5
10.0
9.5
9.0
8.5
Jan
2013
Apr
Jul
Oct
Jan
2014
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Oct
Jan
2015
Apr
DATE

References

DxH 800 procedures manual.