
Documentation, Codebook, and Frequencies

**Vitamin K: non-Hispanic white
women and girls**

**Survey Years:
1991 to 1994**

**SAS Export File:
VIT_K.XPT**



December 2005

NHANES III Data Documentation

Laboratory Assessment: Vitamin K: non-Hispanic white women and girls, ages 6-29 years.

Years of Coverage: 1991–1994

First Published: December 2005

Last Revised: N/A

Component Description	Serum Vitamin K (Phylloquinone) measurement
Eligible Sample	526 non-Hispanic white women and girls age 6-29 years from NHANES III, phase 2 (1991-1994)
Description of Laboratory Methodology	<u>Assay of serum phylloquinone</u> The assay method used a two step extraction to separate phylloquinone from interfering substances in serum or plasma, prior to analytical assay on reverse phase HPLC (1).
Laboratory Quality Control and Monitoring	Because Vitamin K was not commercially available, the internal standard was dihydrophyloquinone which was readily synthesized from commercially available phylloquinone. Standard high, medium and low control pools were run with the assay.
Data Processing and Editing	Data was received after all the testing was complete. The data were not edited. Data Access: All data are publicly available.
Analytic Notes	Vitamin K results range from 0.050ng/ml to 6.799 ng/ml. Results below the limit of detection (0.050) are divided by square root of two and given the value of 0.0353 ng/ml. These data are from phase 2 of the NHANES III so use the phase two sample weights in analysis.
References	1. Haroon Y, Bacon D, Sadowksi J. Liquid-chromatographic determination of vitamin K 1 plasma with fluorometric detection. Clin Chem; 1986 32: 1925-1929 .

Locator Fields

Title: Vitamin K (ng/ml)

Contact Number: 1-866-441-NCHS

Years of Content: 1991-1994

First Published: December 2005

Revised: N/A

Access Constraints: None

Use Constraints: None

Geographic Coverage: National

Subject: Vitamin K

Record Source: NHANES III (1991-1994)

Survey Methodology: NHANES III, phase 2 (1991-1994) is a stratified multistage probability sample of the civilian non-institutionalized population of the U.S.

Medium: NHANES Web site; SAS transport files

**National Health and Nutrition Examination Survey
Codebook for Data Production (1991-1994)
(NHANES III)**

**Vitamin K, non-Hispanic white women and girls
(VIT_K)**

Person Level Data

December 2005



SEQN	Target
	F(6 Yrs. to 29 Yrs.)
Hard Edits	SAS Label
	Respondent sequence number
English Text: Respondent sequence number.	
English Instructions:	

VKP	Target		
	F(6 Yrs. to 29 Yrs.)		
Hard Edits	SAS Label		
	Vitamin K		
English Text: Vitamin K			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0.035 to 6.799	Range of Values	531	
.	Missing	0	

VKPLODF	Target		
	F(6 Yrs. to 29 Yrs.)		
Hard Edits	SAS Label		
	Limit of detection (LOD) flag		
English Text: Limit of detection (LOD) flag			
English Instructions:			
Code or Value	Description	Count	Skip to Item
0	Actual lab value	507	
1	LOD fill value	24	
.	Missing	0	