

2025

Add Health Wave IV

Measures of Inflammation and Immune Function: Addendum 1 Codebook

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Measures of Inflammation and Immune Function: Addendum 1

Title	Measures of Inflammation and Immune Function: Addendum 1
File Name	binflam4.sas7bdat
Case Quantity	5019
Variable Count	15

AID - RESPONDENT IDENTIFIER

Type	Text
Constraints	Maximum Length: 8
AID	Respondent Identifier

Weight		Unweighted	
Valid	Invalid	Minimum	Maximum
5019	0	10316654	99886999

H4IL6 - IL-6 ASSAY RESULT (PG/ML) -W4

Type	Numeric (Double)
Measurement Unit	Numeric
H4IL6	IL-6 assay result (pg/ml)

Weight			Unweighted		
			Frequency	% of total	% of valid
Missing	.	missing	166	3.31%	
		Total	166	3.31%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4853	166	0.0132881...	849.59095...	1.7095352...	13.310229...

H4IL6FL - FLAG: IL-6 CONCENTRATION TYPE -W4

Type	Code
Measurement Unit	Numeric
H4IL6FL	Flag indicating IL-6 concentration type

Weight	Unweighted			
	Frequency	% of total	% of valid	

Valid	1	IL-6 concentration is below the lower LOD (< 0.4 pg/ml) - missing	160	3.19%	3.19%
	2	IL-6 concentration is below the lower LOD (< 0.4 pg/ml), but extrapolated	434	8.65%	8.65%
	3	IL-6 concentration is within the LODs (0.4 - 849.59 pg/ml)	4,419	88.05%	88.05%
	9	IL-6 concentration is missing - quantity not sufficient	6	0.12%	0.12%
		Total	5,019	100%	100%

Valid	Invalid	Minimum	Maximum
5019	0	1	9

H4IL8 - IL-8 ASSAY RESULT (PG/ML) -W4

Type	Numeric (Double)
Measurement Unit	Numeric
H4IL8	IL-8 assay result (pg/ml)

Weight			Unweighted		
			Frequency	% of total	% of valid
Missing	.	missing	16	0.32%	
		Total	16	0.32%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
5003	16	18.343121...	27096.226...	109.49856...	576.43165...

H4IL8FL - FLAG: IL-8 CONCENTRATION TYPE -W4

Type	Code
Measurement Unit	Numeric
H4IL8FL	Flag indicating IL-8 concentration type

Weight			Unweighted		
			Frequency	% of total	% of valid
Valid	1	IL-8 concentration is below the lower LOD (< 0.2 pg/ml) - missing	10	0.2%	0.2%
	3	IL-8 concentration is within the LODs (0.2 - 27096.23 pg/ml)	5,003	99.68%	99.68%
	9	IL-8 concentration is missing - quantity not sufficient	6	0.12%	0.12%
		Total	5,019	100%	100%

Valid	Invalid	Minimum	Maximum
5019	0	1	9

 H4IL10 - IL-10 ASSAY RESULT (PG/ML) -W4

Type	Numeric (Double)
Measurement Unit	Numeric
H4IL10	IL-10 assay result (pg/ml)

Weight			Unweighted		
			Frequency	% of total	% of valid
Missing	.	missing	591	11.78%	
		Total	591	11.78%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4428	591	0.0046215...	378.94529...	1.0508710...	8.0360563...

 H4IL10FL - FLAG: IL-10 CONCENTRATION TYPE -W4

Type	Code
Measurement Unit	Numeric
H4IL10FL	Flag indicating IL-10 concentration type

Weight			Unweighted		
			Frequency	% of total	% of valid
Valid	1	IL-10 concentration is below the lower LOD (< 0.4 pg/ml) - missing	585	11.66%	11.66%
	2	IL-10 concentration is below the lower LOD (< 0.4 pg/ml), but extrapolated	1,724	34.35%	34.35%
	3	IL-10 concentration is within the LODs (0.4 - 378.95 pg/ml)	2,704	53.88%	53.88%
	9	IL-10 concentration is missing - quantity not sufficient	6	0.12%	0.12%
		Total	5,019	100%	100%

Valid	Invalid	Minimum	Maximum
5019	0	1	9

 H4TNFA - TNF-A ASSAY RESULT (PG/ML) -W4

Type	Numeric (Double)
Measurement Unit	Numeric
H4TNFA	TNF-a assay result (pg/ml)

Weight			Unweighted		
			Frequency	% of total	% of valid
Missing	.	missing	41	0.82%	
		Total	41	0.82%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
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4978	41	0.4263207...	590.14077...	3.9069803...	12.647435...
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H4TNFAFL - FLAG: TNF-A CONCENTRATION TYPE -W4

Type	Code
Measurement Unit	Numeric
H4TNFAFL	Flag indicating TNF-a concentration type

Weight			Unweighted		
			Frequency	% of total	% of valid
Valid	1	TNF-a concentration is below the lower LOD (< 0.9 pg/ml) - missing	35	0.7%	0.7%
	2	TNF-a concentration is below the lower LOD (< 0.9 pg/ml), but extrapolated	7	0.14%	0.14%
	3	TNF-a concentration is within the LODs (0.9 - 590.14 pg/ml)	4,971	99.04%	99.04%
	9	TNF-a concentration is missing - quantity not sufficient	6	0.12%	0.12%
		Total	5,019	100%	100%

Valid	Invalid	Minimum	Maximum
5019	0	1	9

H4CMV - CMV ASSAY RESULT (EU/ML) -W4

Type	Numeric (Double)
Measurement Unit	Numeric
H4CMV	CMV assay result (EU/ml)

Weight			Unweighted		
			Frequency	% of total	% of valid
Missing	.	missing	155	3.09%	
		Total	155	3.09%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4864	155	1.49999999	159.62	48.470199...	47.919855...

H4CMVFL - FLAG: CMV CONCENTRATION TYPE -W4

Type	Code
Measurement Unit	Numeric
H4CMVFL	Flag indicating CMV concentration type

Weight			Unweighted		
			Frequency	% of total	% of valid

Valid	3	CMV concentration is within the LODs (1.50 - 159.62 EU/ml)	4,864	96.91%	96.91%
	5	CMV concentration is above the upper LOD (> 160.00 EU/ml) - missing	155	3.09%	3.09%
		Total	5,019	100%	100%

Valid	Invalid	Minimum	Maximum
5019	0	3	5

H4HPYL - H.PYLORI ASSAY RESULT (EU/ML) -W4

Type	Numeric (Double)
Measurement Unit	Numeric
H4HPYL	H.pylori assay result (EU/ml)

Weight			Unweighted		
			Frequency	% of total	% of valid
Missing	.	missing	132	2.63%	
		Total	132	2.63%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4887	132	0.782	124.881	14.386071...	21.056959...

H4HPYLFL - FLAG: H.PYLORI CONCENTRATION TYPE -W4

Type	Code
Measurement Unit	Numeric
H4HPYLFL	Flag indicating H.pylori concentration type

Weight			Unweighted		
			Frequency	% of total	% of valid
Valid	3	H.pylori concentration is within the LODs (0.782 - 124.88 EU/ml)	4,887	97.37%	97.37%
	5	H.pylori concentration is above the upper LOD (> 125.00 EU/ml) - missing	132	2.63%	2.63%
		Total	5,019	100%	100%

Valid	Invalid	Minimum	Maximum
5019	0	3	5

H4HSV - HSV ASSAY RESULT (AU/ML) -W4

Type	Numeric (Double)
Measurement Unit	Numeric
H4HSV	HSV assay result (index units)

Weight	Unweighted
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			Frequency	% of total	% of valid
Missing	.	missing	54	1.08%	
		Total	54	1.08%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4965	54	-0.011	15.659	4.5609407...	4.5440647...

H4HSVFL - FLAG: HSV CONCENTRATION TYPE -W4

Type	Code
Measurement Unit	Numeric
H4HSVFL	Flag indicating HSV concentration type

Weight			Unweighted		
			Frequency	% of total	% of valid
Valid	3	HSV concentration is within the LODs (-0.011 - 15.66)	4,965	98.92%	98.92%
	9	HSV concentration is missing - quantity not sufficient	54	1.08%	1.08%
		Total	5,019	100%	100%

Valid	Invalid	Minimum	Maximum
5019	0	3	9