2024 Add Health Wave V Codebook

Measures of Inflammation and Immune Function

UNC CAROLINA POPULATION CENTER

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Measures of Inflammation and Immune Function

Title	Measures of Inflammation and Immune Function
File Name	binflam5.xpt
Case Quantity	5381
Variable Count	16

AID - RESPONDENT IDENTIFIER

Type	Text
Constraints	Maximum Length: 8
AID	Respondent Identifier Number

Valid	Invalid	Minimum	Maximum
5381	0	10506342	99886996

H5CRPFL - FLAG: hsCRP CONCENTRATION TYPE -W5

Type	Code
Measurement Unit	Numeric
H5CRPFL	FLAG indicating hsCRP concentration type

			Frequency	% of total	% of valid
Valid	1	hsCRP concentration is below the lower LOD (< 0.160 mg/l) - missing	195	3.62%	4.06%
	2	hsCRP concentration is below the lower LOD (< 0.160 mg/l), but extrapolated	10	0.19%	0.21%
	3	hsCRP concentration is within the LODs (0.160 - 19480 mg/l)	4593	85.36%	95.73%
	4	hsCRP concentration is above the upper LOD, but extrapolated	0	0%	0%
	5	hsCRP concentration is above the upper LOD - missing	0	0%	0%
		Total	4,798	89.17%	100%
Missing	.	missing	583	10.83%	
		Total	583	10.83%	

Valid	Invalid	Minimum	Maximum
4798	583	1	3

H5CMVZ - CYTOMEGALOVIRUS Z-SCORE (CMV, STD) -W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5CMVZ	Cytomegalovirus concentration Z-score (CMV, standard deviations)

			Frequency	% of total	% of valid
Missing	.	missing	593	11.02%	
		Total	593	11.02%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4788	593	-0.939539...	8.8238298...	1.43E-15	0.9998955...

H5CCMV - CMV CLASSIFICATION -W5

Type	Code
Measurement Unit	Numeric
H5CCMV	CMV Classification

			Frequency	% of total	% of valid
Valid	1	Negative for anti-CMV IgG (<= 40.19th percentile)	1933	35.92%	40.15%
	2	Equivocal for anti-CMV IgG (40.20th - 46.69th percentile)	318	5.91%	6.6%
	3	Positive for anti-CMV IgG (>= 46.70th percentile)	2564	47.65%	53.25%
		Total	4,815	89.48%	100%
Missing	.	missing	566	10.52%	
		Total	566	10.52%	

Valid	Invalid	Minimum	Maximum
4815	566	1	3

H5CMVDIA - FLAG: CMV DIAMEDIX ASSAY -W5

Type	Code
Measurement Unit	Numeric
H5CMVDIA	Flag indicating CMV Diamedix assay

			Frequency	% of total	% of valid
Valid	0	Creative Diagnostics assay	3470	64.49%	72.07%
	1	Diamedix assay	1345	25%	27.93%

		Total	4,815	89.48%	100%
Missing	.	missing	566	10.52%	
		Total	566	10.52%	

Valid	Invalid	Minimum	Maximum
4815	566	0	1

H5CMVFL - FLAG: CMV CONCENTRATION TYPE -W5

Type	Code
Measurement Unit	Numeric
H5CMVFL	Flag indicating CMV concentration type

			Frequency	% of total	% of valid
Valid	1	CMV concentration is below the lower LOD - missing	25	0.46%	0.52%
	2	CMV concentration is below the lower LOD, but extrapolated	0	0%	0%
	3	CMV concentration is within the LODs	4788	88.98%	99.44%
	4	CMV concentration is above the upper LOD, but extrapolated	0	0%	0%
	5	CMV concentration is above the upper LOD - missing	2	0.04%	0.04%
		Total	4,815	89.48%	100%
Missing	.	missing	566	10.52%	
		Total	566	10.52%	

Valid	Invalid	Minimum	Maximum
4815	566	1	5

H5IL1B - INTERLEUKIN 1 BETA (IL-1B, PG/ML) -W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5IL1B	Interleukin 1 beta (IL-1b, pg/ml) assay result

			Frequency	% of total	% of valid
Missing	.	missing	2083	38.71%	
		Total	2,083	38.71%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
3298	2083	0.001	403.812	0.3636907...	7.3546945...

H5IL1BFL - FLAG: IL-1B CONCENTRATION TYPE -W5

Type	Code
Measurement Unit	Numeric
H5IL1BFL	Flag indicating IL-1b concentration type

			Frequency	% of total	% of valid
Valid	1	IL-1b concentration is below the lower LOD (< 0.010 pg/ml) - missing	1517	28.19%	31.51%
	2	IL-1b concentration is below the lower LOD (< 0.010 pg/ml), but extrapolated	197	3.66%	4.09%
	3	IL-1b concentration is within the LODs (0.010 - 1156 pg/ml)	3101	57.63%	64.4%
	4	IL-1b concentration is above the upper LOD (> 1156 pg/ml), but extrapolated	0	0%	0%
	5	IL-1b concentration is above the upper LOD (> 1156 pg/ml) - missing	0	0%	0%
		Total	4,815	89.48%	100%
Missing	.	missing	566	10.52%	
		Total	566	10.52%	

Valid	Invalid	Minimum	Maximum
4815	566	1	3

H5IL6 - INTERLEUKIN 6 (IL-6, PG/ML) -W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5IL6	Interleukin 6 (IL-6, pg/ml) assay result

			Frequency	% of total	% of valid
Missing	.	missing	572	10.63%	
		Total	572	10.63%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4809	572	0.021	1273.576	1.5792474...	24.378477...

H5IL6FL - FLAG: IL-6 CONCENTRATION TYPE -W5

Type	Code
Measurement Unit	Numeric
H5IL6FL	Flag indicating IL-6 concentration type

			Frequency	% of total	% of valid
Valid	1	IL-6 concentration is below the lower LOD (< 0.050 pg/ml) - missing	6	0.11%	0.12%
	2	IL-6 concentration is below the lower LOD (< 0.050 pg/ml), but extrapolated	6	0.11%	0.12%
	3	IL-6 concentration is within the LODs (0.050 - 1504 pg/ml)	4803	89.26%	99.75%
	4	IL-6 concentration is above the upper LOD (> 1504 pg/ml), but extrapolated	0	0%	0%
	5	IL-6 concentration is above the upper LOD (> 1504 pg/ml) - missing	0	0%	0%
		Total	4,815	89.48%	100%
Missing	.	missing	566	10.52%	
		Total	566	10.52%	

Valid	Invalid	Minimum	Maximum
4815	566	1	3

H5IL8 - INTERLEUKIN 8 (IL-8, PG/ML) -W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5IL8	Interleukin 8 (IL-8, pg/ml) assay result

			Frequency	% of total	% of valid
Missing	.	missing	566	10.52%	
		Total	566	10.52%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4815	566	2.43	3418.95	50.568897...	207.15205...

H5IL8FL - FLAG: IL-8 CONCENTRATION TYPE -W5

Type	Code
Measurement Unit	Numeric

H5IL8FL	Flag indicating IL-8 concentration type

			Frequency	% of total	% of valid
Valid	1	IL-8 concentration is below the lower LOD (< 0.060 pg/ml) - missing	0	0%	0%
	2	IL-8 concentration is below the lower LOD (< 0.060 pg/ml), but extrapolated	0	0%	0%
	3	IL-8 concentration is within the LODs (0.060 - 1120 pg/ml)	4782	88.87%	99.31%
	4	IL-8 concentration is above the upper LOD (> 1120 pg/ml), but extrapolated	33	0.61%	0.69%
	5	IL-8 concentration is above the upper LOD (> 1120 pg/ml) - missing	0	0%	0%
		Total	4,815	89.48%	100%
Missing	.	missing	566	10.52%	
		Total	566	10.52%	

Valid	Invalid	Minimum	Maximum
4815	566	3	4

H5IL10 - INTERLEUKIN 10 (IL-10, PG/ML) -W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5IL10	Interleukin 10 (IL-10, pg/ml) assay result

			Frequency	% of total	% of valid
Missing	.	missing	567	10.54%	
		Total	567	10.54%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4814	567	0.021	57.924	0.3621632...	1.1181450...

H5IL10FL - FLAG: IL-10 CONCENTRATION TYPE -W5

Type	Code
Measurement Unit	Numeric
H5IL10FL	Flag indicating IL-10 concentration type

			Frequency	% of total	% of valid
Valid	1	IL-10 concentration is below the lower LOD (< 0.040 pg/ml) - missing	1	0.02%	0.02%
	2	IL-10 concentration is below the lower LOD (< 0.040 pg/ml), but extrapolated	8	0.15%	0.17%
	3	IL-10 concentration is within the LODs (0.040 - 766 pg/ml)	4806	89.31%	99.81%
	4	IL-10 concentration is above the upper LOD (> 766 pg/ml), but extrapolated	0	0%	0%
	5	IL-10 concentration is above the upper LOD (> 766 pg/ml) - missing	0	0%	0%
		Total	4,815	89.48%	100%
Missing	.	missing	566	10.52%	
		Total	566	10.52%	

Valid	Invalid	Minimum	Maximum
4815	566	1	3

H5TNFA - TUMOR NECROSIS FACTR a (TNF-a, PG/ML)-W5

Type	Numeric (Double)
Measurement Unit	Numeric
H5TNFA	Tumor Necrosis Factor alpha (TNF-a, pg/ml) assay result

			Frequency	% of total	% of valid
Missing	.	missing	568	10.56%	
		Total	568	10.56%	

Valid	Invalid	Minimum	Maximum	Mean	StdDev
4813	568	0.13	2954.57	3.2801828...	42.629304...

H5TNFAFL - FLAG: TNF-A CONCENTRATION TYPE -W5

Type	Code
Measurement Unit	Numeric
H5TNFAFL	Flag indicating TNF-a concentration type

	Frequency	% of total	% of valid

Valid	1	TNF-a concentration is below the lower LOD (< 0.040 pg/ml) - missing	2	0.04%	0.04%
	2	TNF-a concentration is below the lower LOD (< 0.040 pg/ml), but extrapolated	0	0%	0%
	3	TNF-a concentration is within the LODs (0.040 - 685 pg/ml)	4812	89.43%	99.94%
	4	TNF-a concentration is above the upper LOD (> 685 pg/ml), but extrapolated	1	0.02%	0.02%
	5	TNF-a concentration is above the upper LOD (> 685 pg/ml) - missing	0	0%	0%
		Total	4,815	89.48%	100%
Missing	.	missing	566	10.52%	
		Total	566	10.52%	

Valid	Invalid	Minimum	Maximum
4815	566	1	4