

Acceptable Response (April 26, 2006 PT Event)
Quantitative Tests Results (Acceptable Range)

Analytes	Sample NO.				
Method/ Manufacture					
Alpha-1-Antitrypsin	76	77	78	79	80
Nephelometry/Beckman Coulter Immage	7 - 17	352 - 472	373 - 457	< 10	147 - 191
Nephelometry/Dade Behring Neph.	14 - 22	313 - 666	322 - 645	< 17	141 - 193
Nephelometry/ Total	6 - 26	303 - 598	343 - 544	< 17	142 - 195
Turbidimetry/ Total	< 36	378 - 497	347 - 544	< 36	133 - 172
Complement C'3	76	77	78	79	80
Nephelometry/Beckman Coulter Immage	40 - 51	366 - 509	384 - 484	43 - 57	161 - 226
Nephelometry/Dade Behring Neph.	35 - 56	411 - 572	406- 583	40- 64	168 - 239
Turbidimetry/Roche Cobas Integra	37 - 50	428 - 525	403 - 540	42 - 54	175 - 215
Nephelometry/ Total	39 - 51	356 - 564	351 - 571	42 - 58	172 - 217
Turbidimetry/ Total	35 - 57	323 - 600	371 - 571	39 - 61	157 - 227
Complement C'4	76	77	78	79	80
Nephelometry/Beckman Coulter Immage	4 - 6	102 - 134	102 - 134	4 - 6	28 - 41
Nephelometry/Dade Behring Neph.	4 - 6	80 - 120	75 - 127	3 - 6	24 - 36
Turbidimetry/Roche Cobas Integra	< 6	91 - 107	92 - 107	< 6	27 - 31
Nephelometry/ Total	< 10	72 - 142	74 - 141	< 10	23 - 40
Turbidimetry/ Total	< 16	67 - 133	68 - 133	< 16	22 - 37
Immunoglobulin A	81	82	83	84	85
Nephelometry/Beckman Coulter Array	656 - 846	242 - 319	246 - 293	93 - 115	566 - 625
Nephelometry/Beckman Coulter Immage	640 - 776	259 - 300	219 - 294	88 - 110	537 - 688
Nephelometry/Dade Behring Neph .	635 - 823	248 - 309	255 - 294	85 - 117	557 - 709
Turbidimetry/Roche Cobas Integra	662 - 1021	247 - 279	227 - 252	79 - 100	456 - 662
Nephelometry/ Total	613 - 834	247 - 308	228 - 306	87 - 114	511 - 717
Turbidimetry/ Total	462 - 1013	237 - 305	210 - 277	74 - 112	422 - 720
Immunoglobulin E	81	82	83	84	85
Chemiluminescence/Bayer Advia Centaur	618 - 1081	232 - 333	237 - 345	17 - 26	344 - 524
Chemiluminescence/Diag.Prod. Immulite	616 - 1005	237 - 314	222 - 357	22 - 33	329 - 480
FEIA/Pharmacia Immucap	437 - 1120	141 - 389	172 - 378	24 - 37	349 - 505
Nephelometry/Dade Behring Neph.	719 - 1050	220 - 315	215 - 365	20 - 30	357 - 545
Chemiluminescence/ Total	598 - 1049	222 - 328	218 - 355	15 - 36	321 - 506
FEIA/ Total	511 - 1049	172 - 365	191 - 360	20 - 39	305 - 525
Nephelometry/ Total	656 - 1057	230 - 310	211 - 380	15 - 33	328 - 528
Immunoglobulin G	81	82	83	84	85
Nephelometry/Beckman Coulter Array	1024 - 1708	1050 - 1750	864 - 1442	464 - 774	1756 - 2927
Nephelometry/Beckman Coulter Immage	1049 - 1749	1086 - 1811	898 - 1498	472 - 787	1819 - 3032
Nephelometry/Dade Behring Neph .	1135 - 1892	1162 - 1938	943 - 1573	503 - 839	2288 - 3814
Turbidimetry/Roche Cobas Integra	1015 - 1693	1074 - 1792	848 - 1413	456 - 761	1913 - 3190
Nephelometry/ Total	1083 - 1806	1116 - 1859	911 - 1516	485 - 809	2025 - 3376
Turbidimetry/ Total	1012 - 1688	1059 - 1766	847 - 1412	443 - 740	1851 - 3086
Immunoglobulin M	81	82	83	84	85
Nephelometry/Beckman Coulter Array	148 - 198	77 - 106	654 - 887	43 - 52	192 - 273
Nephelometry/Beckman Coulter Immage	132 - 174	82 - 104	518 - 856	38 - 50	193 - 234
Nephelometry/Dade Behring Neph .	181 - 286	83 - 107	683 - 998	34 - 52	259 - 371
Turbidimetry/Roche Cobas Integra	134 - 153	79 - 100	845 - 957	30 - 43	163 - 189
Nephelometry/ Total	51 - 345	83 - 103	520 - 1021	34 - 53	114 - 407
Turbidimetry/ Total	126 - 161	74 - 109	551 - 1087	29 - 48	115 - 280

**Acceptable Response (April 26, 2006 PT Event)
Qualitative / Quantitative Tests Results**

Analytes	Sample NO.				
	1	2	3	4	5
Syphilis - Reagin Ab	R	N	N*	N	R
<i>RPR Titer</i>	4 - 16				2 - 16
Syphilis - Treponemal	R	N	N*	N	R
	6	7	8	9	10
HBcAb	R	N	R	R	R
HBsAg	N	N	R	N	R
	11	12	13	14	15
CMV	R*	N	R	N	N
Rubella Ab	R	N	R	N	N
	16	17	18	19	20
ASO	N	R	N	R	N
<i>Latex Agglutination as IU/ml</i>		100 - 1600		100 - 1600	
	26	27	28	29	30
Infectious Mono.	R	N	N	R	N
<i>Latex Agglutination Titer</i>	4 - 64			2 - 64	
Rheumatoid Factor	R	N	R	N	N
<i>Latex Agglutination Titer</i>	16 - 512		8 - 256		
<i>Latex Agglutination as IU/ml</i>	160 - 5120		80 - 2560		
	31	32	33	34	35
HIV Ab Screening/Confirmation	N	R	N	R	N
	36	37	38	39	40
HTLV 1 Ab	N	R	N	N	R
	41	42	43	44	45
LYME Disease Ab	N	N	N	R	R
LYME Disease Ab WB IgG	N	N	N	R	R
LYME Disease Ab WB IgM	N	N	N	R*	N
	46	47	48	49	50
ANA	R	N	N	N	R
<i>EIA Titer</i>	40 - 640				160 - 2560
<i>IFA Titer</i>	40 - 1280				160 - 5120
	56	57	58	59	60
Rubella IgM	N	R	N	N	N
	61	62	63	64	65
HIV p24 Ag	N	N	N	R	N
	66	67	68	69	70
HBeAg	N	R	N	R	N
	71	72	73	74	75
Hepatitis C Ab	N	N	R	N	R

Note: R = Reactive/ Positive; I = Indeterminate; N = Non-Reactive/ Negative

* Test sample was not authenticated - because a consensus of 80% agreement was not reached. All participating laboratories received credit for this sample.