

Acceptable Response (January 17, 2007 PT Event)
Quantitative Tests Results (Acceptable Range)

Analytes	Sample NO.				
Method/ Manufacture					
Alpha-1-Antitrypsin	76	77	78	79	80
Nephelometry/Beckman Coulter Immage	< 10	122 - 173	< 10	152 - 199	156 - 228
Nephelometry/Dade Behring Neph.	< 16	183 - 230	< 16	230 - 289	175 - 241
Nephelometry/ Total	< 16	96 - 274	< 16	99 - 362	162 - 242
Turbidimetry/ Total	< 36	139 - 185	< 36	161 - 220	163 - 199
Complement C'3	76	77	78	79	80
Nephelometry/Beckman Coulter Immage	37 - 44	287 - 375	27 - 36	207 - 264	103 - 135
Nephelometry/Dade Behring Neph.	32 - 51	287 - 457	30 - 37	189 - 297	100 - 163
Turbidimetry/Roche Cobas Integra	34 - 49	326 - 422	26 - 39	213 - 266	120 - 133
Nephelometry/ Total	34 - 47	265 - 436	26 - 39	201 - 269	96 - 153
Turbidimetry/ Total	30 - 54	291 - 454	23 - 44	193 - 291	102 - 145
Complement C'4	76	77	78	79	80
Nephelometry/Beckman Coulter Immage	3 - 6	35 - 48	2 - 5	110 - 133	30 - 42
Nephelometry/Dade Behring Neph.	3 - 5	32 - 42	2 - 5	89 - 139	30 - 40
Nephelometry/Dade Behring BN P.	3 - 6	33 - 41	2 - 5	101 - 116	29 - 41
Turbidimetry/Roche Cobas Integra	< 6	36 - 43	< 6	95 - 128	31 - 39
Nephelometry/ Total	< 10	30 - 47	< 10	85 - 142	28 - 42
Turbidimetry/ Total	< 10	24 - 50	< 10	68 - 146	22 - 44
Immunoglobulin A	81	82	83	84	85
Nephelometry/Beckman Coulter Immage	97 - 127	39 - 55	275 - 353	506 - 734	152 - 210
Nephelometry/Dade Behring Neph .	88 - 145	43 - 55	252 - 351	463 - 875	123 - 294
Nephelometry/Dade Behring BN P.	89 - 138	44 - 54	268 - 311	515 - 916	123 - 280
Nephelometry/ Total	92 - 137	40 - 56	252 - 355	436 - 859	158 - 207
Turbidimetry/ Total	73 - 137	29 - 65	258 - 324	373 - 747	130 - 197
Immunoglobulin E	81	82	83	84	85
Chemiluminescence/Bayer Advia Centaur	527 - 952	23 - 34	3 - 10	391 - 543	128 - 162
Chemiluminescence/Diag.Prod. Immulite	505 - 856	22 - 35	5 - 10	288 - 488	117 - 186
Chemiluminescence/ Total	478 - 919	22 - 35	4 - 11	254 - 556	115 - 182
FEIA/ Total	482 - 873	24 - 34	8 - 14	325 - 585	121 - 201
Nephelometry/ Total	549 - 787	20 - 33	4 - 14	311 - 478	110 - 161
Immunoglobulin G	81	82	83	84	85
Nephelometry/Beckman Coulter Immage	480 - 802	187 - 314	838 - 1399	1829 - 3050	670 - 1118
Nephelometry/Dade Behring Neph .	518 - 864	194 - 325	866 - 1444	2294 - 3825	746 - 1244
Nephelometry/Dade Behring BN P.	514 - 858	195 - 327	866 - 1445	2256 - 3762	735 - 1225
Turbidimetry/Roche Cobas Integra	458 - 764	174 - 291	773 - 1289	1854 - 3091	640 - 1068
Nephelometry/ Total	502 - 837	191 - 320	849 - 1416	2069 - 3450	707 - 1179
Turbidimetry/ Total	463 - 773	179 - 300	791 - 1319	1836 - 3061	640 - 1069
Immunoglobulin M	81	82	83	84	85
Nephelometry/Beckman Coulter Immage	115 - 158	22 - 29	96 - 136	183 - 246	326 - 411
Nephelometry/Dade Behring Neph .	122 - 148	20 - 31	98 - 122	256 - 338	341 - 531
Nephelometry/Dade Behring BN P.	122 - 143	21 - 31	101 - 120	259 - 301	333 - 503
Turbidimetry/Roche Cobas Integra	127 - 147	13 - 30	99 - 124	154 - 187	426 - 477
Nephelometry/ Total	118 - 152	20 - 31	94 - 134	143 - 378	278 - 523
Turbidimetry/ Total	112 - 152	13 - 38	96 - 125	105 - 289	282 - 524

**Acceptable Response (January 17, 2007 PT Event)
Qualitative / Quantitative Tests Results**

Analytes	Sample NO.				
	1	2	3	4	5
Syphilis - Reagin Ab	R	R	R	N	N
<i>RPR Titer</i>	4 - 16	1 - 8	1 - 16		
Syphilis - Treponemal	R	R	R	N	N
	6	7	8	9	10
HBcAb	R	R	N	N	N
HBsAg	R	N	N	N	N
	11	12	13	14	15
CMV	N	N	N	R	N
Rubella Ab	N	N	N	R	N
	16	17	18	19	20
ASO	N	N	R	N	N
<i>Latex Agglutination as IU/ml</i>			100 - 1600		
<i>Nephelometry IU/ml</i>			216 - 1118		
	26	27	28	29	30
Infectious Mono.	R	N	N	N	N
<i>Latex Agglutination Titer</i>	4 - 64				
Rheumatoid Factor	N	N	R	N	N
<i>Latex Agglutination Titer</i>			4 - 64		
<i>Latex Agglutination as IU/ml</i>			40 - 640		
	31	32	33	34	35
HIV Ab Screening/Confirmation	N	N	N	N	R
	36	37	38	39	40
HTLV 1 Ab	N	N	N	N	R
	41	42	43	44	45
LYME Disease Ab	N	R	N	N	N
LYME Disease Ab WB IgG	N	R	N	N	N
LYME Disease Ab WB IgM	N	R *	N	N	N
	46	47	48	49	50
ANA	N	N	N	R	N
<i>IFA Titer</i>				80 - 1280	
	56	57	58	59	60
Rubella IgM	N	N	N	N	R
	61	62	63	64	65
HIV p24 Ag	R	N	N	N	N
	66	67	68	69	70
HBeAg	N	R	N	N	N
	71	72	73	74	75
Hepatitis C Ab	N	N	R	N	N

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.