

Acceptable Response (September 28, 2005 PT Event)

Quantitative Tests Results (Acceptable Range)

Analytes Method/ Manufacture	Sample NO.				
	76	77	78	79	80
Alpha-1-Antitrypsin	76	77	78	79	80
Nephelometry/Beckman	< 10	< 10	209 - 339	125 - 217	92 - 182
Nephelometry/Behring	< 17	< 17	239 - 405	209 - 305	150 - 235
Nephelometry/ Total	< 17	< 17	203 - 401	83 - 353	75 - 259
Turbidimetry/ Total	< 36	< 36	234 - 305	177 - 220	132 - 190
Complement C'3	76	77	78	79	80
Nephelometry/Beckman	22 - 46	36 - 47	99 - 119	196 - 260	274 - 381
Nephelometry/Behring	25 - 39	31 - 48	103 - 141	203 - 259	290 - 385
Turbidimetry/Behring	27 - 45	37 - 51	102 - 127	206 - 272	306 - 412
Turbidimetry/Roche	25 - 38	34 - 46	94 - 138	201 - 270	295 - 410
Nephelometry/ Total	24 - 41	31 - 49	89 - 140	201 - 260	280 - 382
Turbidimetry/ Total	25 - 43	33 - 52	96 - 134	188 - 288	274 - 432
Complement C'4	76	77	78	79	80
Nephelometry/Beckman	< 16	< 16	22 - 35	75 - 139	28 - 43
Nephelometry/Behring	< 10	< 10	21 - 34	80 - 151	28 - 42
Turbidimetry/Roche	< 6	< 6	22 - 31	92 - 127	30 - 41
Nephelometry/ Total	< 16	< 16	31 - 35	73 - 152	28 - 45
Turbidimetry/ Total	< 13	< 13	19 - 34	77 - 143	25 - 45
Immunoglobulin A	81	82	83	84	85
Nephelometry/Beckman	165 - 208	460 - 623	485 - 666	185 - 249	87 - 111
Nephelometry/Behring	166 - 207	497 - 805	487 - 886	192 - 243	91 - 115
Turbidimetry/Roche	148 - 208	427 - 645	443 - 683	169 - 249	75 - 110
Nephelometry/ Total	166 - 206	384 - 798	423 - 834	191 - 245	89 - 113
Turbidimetry/ Total	144 - 221	429 - 665	443 - 711	161 - 277	73 - 115
Immunoglobulin E	81	82	83	84	85
Chemiluminescence/Bayer	3758 - 9054	606 - 980	328 - 552	196 - 272	16 - 31
Chemiluminescence/Diag.Prod.Co.	3885 - 5700	590 - 936	330 - 475	181 - 267	22 - 34
FEIA/Pharmacia	4072 - 5005	694 - 923	415 - 489	204 - 259	27 - 38
Nephelometry/Behring	3589 - 7111	662 - 1219	320 - 685	149 - 326	21 - 37
Chemiluminescence/ Total	2593 - 8022	587 - 971	318 - 511	182 - 269	18 - 35
FEIA/ Total	2857 - 5998	628 - 973	331 - 547	184 - 269	25 - 38
Nephelometry/ Total	3184 - 7683	555 - 1252	291 - 675	106 - 351	16 - 40
Immunoglobulin G	81	82	83	84	85
Nephelometry/Beckman	1313 - 2210	1657 - 2804	1793 - 3037	1230 - 2120	464 - 788
Nephelometry/Behring	1333 - 2265	1761 - 2998	2130 - 3628	1249 - 2135	486 - 832
Turbidimetry/Roche	1343 - 2261	1658 - 2821	1871 - 3180	1241 - 2134	456 - 792
Nephelometry/ Total	1340 - 2234	1724 - 2874	1968 - 3281	1271 - 2119	482 - 805
Turbidimetry/ Total	1368 - 2281	1702 - 2838	1913 - 3189	1272 - 2122	456 - 761
Immunoglobulin M	81	82	83	84	85
Nephelometry/Beckman	52 - 73	278 - 413	188 - 269	64 - 89	37 - 54
Nephelometry/Behring	52 - 74	352 - 532	235 - 372	62 - 91	34 - 53
Turbidimetry/Behring	54 - 73	277 - 445	222 - 292	66 - 81	30 - 55
Turbidimetry/Roche	39 - 69	266 - 363	139 - 248	52 - 81	25 - 45
Nephelometry/ Total	51 - 73	215 - 542	126 - 380	61 - 90	35 - 55
Turbidimetry/ Total	33 - 90	233 - 406	81 - 310	53 - 90	23 - 57

**Acceptable Response (September 28, 2005 PT Event)
Qualitative / Quantitative Tests Results**

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