

**Acceptable Response (April 27, 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	264 - 307	162 - 196	<10	132-162	<10
Nephelometry/Behring	216 - 367	197 - 298	<20	151 - 236	<20
Nephelometry/ Total	230 - 348	105 - 327	<20	93 -251	<20
Turbidimetry/ Total	208 - 339	133 - 268	<30	118 - 214	<30
Complement C'3	76	77	78	79	80
Nephelometry/Beckman	98 - 125	209 - 260	27 - 40	292 - 380	34 - 46
Nephelometry/Behring	96 - 134	197 -275	25 - 44	287 - 414	31 - 54
Turbidimetry/Olympus	81 - 137	173 - 255	17 - 56	318 - 360	29 - 65
Turbidimetry/Roche	95 - 136	193 - 288	28 - 35	304 - 419	27 - 49
Nephelometry/ Total	96 -130	200 -267	25 - 41	289 - 400	33 - 50
Turbidimetry/ Total	89 - 139	178 - 295	22 -46	295 - 426	25 - 58
Complement C'4	76	77	78	79	80
Nephelometry/Beckman	22 - 35	85 - 141	<10	32 - 50	<10
Nephelometry/Behring	20 - 34	82 - 148	<10	28 - 46	<10
Turbidimetry/Olympus	15 - 46	93 - 147	<13	25 - 56	<13
Turbidimetry/Roche	24 - 30	103 - 126	<8	35 - 40	<8
Nephelometry/ Total	21 - 35	73 - 150	<10	28 - 48	<10
Turbidimetry/ Total	18 - 37	85 - 145	<13	27 - 49	<13
Immunoglobulin A	81	82	83	84	85
Nephelometry/Beckman	488 - 644	229 - 362	90 - 114	<7	232 - 298
Nephelometry/Behring	529 - 783	250 - 311	81 - 117	<25	214 -287
Turbidimetry/Behring	502 - 662	264 - 333	83 - 111	<20	241 - 297
Turbidimetry/Roche	465 - 584	253 - 318	76 - 105	<20	219 - 282
Nephelometry/ Total	431 - 765	243 - 339	85 - 114	<35	223 - 299
Turbidimetry/ Total	417 - 662	228 - 359	69 - 122	<70	197 - 324
Immunoglobulin E	81	82	83	84	85
Chemiluminescence/Bayer	540 - 1074	253 - 358	13 - 32	<2	7552 - 12242
Chemiluminescence/Diag. Prod. Co.	518 - 1074	237 - 368	20 - 35	<1	4310 - 9325
FEIA/Pharmacia	648 - 918	237 - 364	26 - 36	<2	4757 -7924
Nephelometry/Behring	883 - 1128	237 - 435	23 - 36	<20	6808 - 9925
Chemiluminescence/ Total	366 - 1205	172 - 423	17 - 37	<3	2796 - 12374
EIA/ Total	558 - 860	185 - 361	25 - 33	<7	3630 - 7047
FEIA/ Total	563 - 961	240 - 354	24 - 37	<2	4895 - 7732
Nephelometry/ Total	459 - 1327	211 - 427	15 - 38	<20	3764 - 11379
Immunoglobulin G	81	82	83	84	85
Nephelometry/Beckman	1704 - 2886	985 - 1720	467 - 802	2000 - 3351	1060 - 1810
Nephelometry/Behring	1669 -2934	975 - 1662	477 - 798	1884 - 3260	1070 - 3640
Turbidimetry/ Behring	1777 - 2962	1017 - 1696	463 - 772	2030 - 3384	1038 - 1731
Turbidimetry/Roche	1675 - 2792	988 - 1648	461 - 769	1835 - 3059	1044 - 1740
Nephelometry/ Total	1734 - 2891	1004 - 1674	477 - 796	1975 - 3292	1200 - 2001
Turbidimetry/ Total	1695 - 2825	988 - 1648	458 - 765	1983 - 3306	1059 - 1766
Immunoglobulin M	81	82	83	84	85
Nephelometry/Beckman	297 - 425	90 - 112	37 - 52	<26	79 - 96
Nephelometry/Behring	341 - 516	82 - 116	35 - 50	<20	70 - 101
Turbidimetry/Roche	295 - 344	90 - 102	31 - 39	<12	75 - 85
Nephelometry/ Total	251 - 510	85 - 114	34 - 53	<26	74 - 98
Turbidimetry/ Total	243 - 397	83 - 115	25 - 53	<25	69 - 100

**Acceptable Response (April 27, 2005 PT Event)
Qualitative / Quantitative Tests Results**

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