

Acceptable Response (January 16, 2008 PT Event)
Qualitative / Quantitative Tests Results

Analytes	Sample NO.				
	1	2	3	4	5
Syphilis - Reagin	R	N	N	N	N
<i>RPR Titer</i>	1 - 4				
Syphilis - Treponemal	R	N	N	N	N
	6	7	8	9	10
HBcAb	N	N	N	N	R
HBsAg	N	N	N	N	R
	11	12	13	14	15
CMV	N	R	N	N	N
Rubella Ab	N	R	N	N	N
Rubella Ab Quantitative <i>IU/ml</i>		20 - 140			
	16	17	18	19	20
ASO	N	N	N	R	N
ASO Quantitative <i>Latex IU/ml</i>				100 - 1600	
<i>Nephelometry IU/ml</i>				222 - 1070	
<i>Turbidimetry IU/ml</i>				329 - 1041	
	26	27	28	29	30
Infectious Mono.	N	N	R	N	N
Rheumatoid Factor	N	N	N	R	N
RF Quantitative <i>Latex Titer</i>				4 - 64	
<i>Latex IU/ml</i>				20 - 640	
<i>Nephelometry IU/ml</i>				173 - 352	
<i>Turbidimetry IU/ml</i>				98 - 218	
	31	32	33	34	35
HIV Ab Screening/Confirmation	N	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	N	N	R	N	N
LYME Disease Ab WB IgG	N	N	R	N	N
LYME Disease Ab WB IgM	N	N	R	N	N
	46	47	48	49	50
ANA	N	R	N	N	N
<i>IFA Titer</i>		40 - 1280			
	56	57	58	59	60
Rubella IgM	N	N	N	R	N
	61	62	63	64	65
HIV p24 Ag	N	N	N	R	N
	66	67	68	69	70
HBeAg	N	N	N	N	R
	71	72	73	74	75
Hepatitis C Ab	R	N	N	N	N

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

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

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Quantitative Tests Results (Acceptable Range)

Analytes	Sample NO.				
Method/ Manufacture					
Alpha-1-Antitrypsin	76	77	78	79	80
Nephelometry/Dade Behring Neph.	8 - 15	98 - 275	192 - 499	13 - 22	72 - 124
Nephelometry/ Total	8 - 15	81 - 268	161 - 495	12 - 24	49 - 134
Turbidimetry/ Total	< 36	77 - 232	142 - 470	< 36	33 - 129
Complement C'3	76	77	78	79	80
Nephelometry/Beckman Coulter Image	28 - 41	219 - 297	267 - 368	15 - 30	50 - 87
Nephelometry/Dade Behring Neph.	27 - 42	184 - 320	294 - 602	18 - 28	61 - 93
Turbidimetry/Roche Cobas Integra	28 - 42	222 - 283	281 - 361	18 - 27	50 - 83
Nephelometry/ Total	28 - 42	195 - 306	168 - 598	18 - 28	57 - 91
Turbidimetry/ Total	26 - 45	213 - 299	289 - 377	15 - 31	52 - 82
Complement C'4	76	77	78	79	80
Nephelometry/Beckman Coulter Image	2 - 5	54 - 88	49 - 89	3 - 6	11 - 16
Nephelometry/Dade Behring Neph.	2 - 5	47 - 79	61 - 117	2 - 5	10 - 15
Turbidimetry/Roche Cobas Integra	< 6	38 - 77	30 - 59	< 6	7-14
Nephelometry/ Total	< 10	39 - 88	40 - 114	< 10	10 - 16
Turbidimetry/ Total	< 8	35 - 77	35 - 59	< 8	6 - 16
Immunoglobulin A	81	82	83	84	85
Nephelometry/Beckman Coulter Image	40 - 54	510 - 725	40 - 53	244 - 351	47 - 59
Nephelometry/Dade Behring Neph .	40 - 59	522 - 820	37 - 59	256 - 371	52 - 71
Nephelometry/Dade Behring BN P.	45 - 54	442 - 839	37 - 59	257 - 371	53 - 71
Turbidimetry/ Beckman Coulter Synch.	41 - 61	491 - 644	40 - 62	252 - 330	44 - 70
Turbidimetry/ Roche Cobas Integra	40 - 55	483 - 583	38 - 54	283 - 312	38 - 55
Nephelometry/ Total	39 - 58	442 - 839	39 - 58	252 - 360	43 - 73
Turbidimetry/ Total	37 - 60	396 - 656	36 - 60	259 - 326	34 - 72
Immunoglobulin E	81	82	83	84	85
Chemiluminescence/Bayer Advia	21 - 33	348 - 475	20 - 34	322 - 479	< 6
Chemiluminescence/Diag.Prod. Immulite	22 - 37	263 - 499	20 - 37	321 - 507	2 - 5
FEIA/Pharmacia Immunocap	22 - 37	290 - 542	22 - 35	321 - 468	2 - 7
Chemiluminescence/ Total	21 - 36	282 - 500	20 - 36	315 - 499	2 - 5
FEIA/ Total	22 - 35	306 - 517	22 - 33	315 - 460	2 - 8
Nephelometry/ Total	19 - 36	288 - 541	17 - 38	281 - 519	1 - 7
Immunoglobulin G	81	82	83	84	85
Nephelometry/Beckman Coulter Image	191 - 319	1732 - 2888	193 - 323	773 - 1290	220 - 368
Nephelometry/Dade Behring Neph .	203 - 339	2174 - 3624	199 - 333	833 - 1390	238 - 397
Nephelometry/Dade Behring BN P.	197 - 330	2141 - 3569	200 - 335	828 - 1382	234 - 391
Turbidimetry/Roche Cobas Integra	171 - 287	1803 - 3005	177 - 296	730 - 1218	193 - 322
Nephelometry/ Total	195 - 326	1962 - 3271	196 - 328	805 - 1342	228 - 381
Turbidimetry/ Total	178 - 299	1752 - 2922	181 - 302	735 - 1226	207 - 346
Immunoglobulin M	81	82	83	84	85
Nephelometry/Beckman Coulter Image	19 - 31	171 - 242	17 - 32	120 - 160	16 - 27
Nephelometry/Dade Behring Neph .	20 - 30	271 - 378	18 - 32	138 - 189	16 - 29
Turbidimetry/Roche Cobas Integra	11 - 32	138 - 186	14 - 30	119 - 150	9 - 24
Nephelometry/ Total	19 - 31	107 - 436	17 - 33	117 - 191	16 - 29
Turbidimetry/ Total	12 - 41	101 - 283	14 - 38	109 - 171	3 - 43