

Acceptable Response (May 7, 2008 PT Event)

Qualitative / Quantitative Tests Results

Analytes	Sample NO.				
	1	2	3	4	5
Syphilis - Reagin	N	R	R	N	N
<i>RPR Titer</i>		1 - 4	1 - 4		
Syphilis - Treponemal	N	R	R	N	N
	6	7	8	9	10
HBcAb	R	N	N	R	N
HBsAg	N	N	N	R	N
HBsAg Confirmation	N	N	N	R	N
	11	12	13	14	15
CMV	R	R	N	N	N
Rubella Ab	R	R	N	N	N
Rubella Ab Quantitative	<i>IU/ml</i>	23 - 81	7 - 25		
	16	17	18	19	20
ASO	N	N	R	N	R
ASO Quantitative	<i>Latex IU/ml</i>		200 - 3200		200 - 3200
	<i>Nephelometry IU/ml</i>		239 - 1141		237 - 1122
	<i>Turbidimetry IU/ml</i>		334 - 1099		316 - 1097
	26	27	28	29	30
Infectious Mono.	N	R	R	N	N
Rheumatoid Factor	N	N	R	R	N
RF Quantitative	<i>Latex Titer</i>		2 - 32	4 - 64	
	<i>Latex IU/ml</i>		20 - 320	40 - 640	
	<i>Nephelometry IU/ml</i>		28 - 92	193 - 360	
	<i>Turbidimetry IU/ml</i>		31 - 85	1 - 702	
	31	32	33	34	35
HIV Ab Screening/Confirmation	R	N	N	N	R
	36	37	38	39	40
HTLV 1 Ab	N	N	N	R	R
	41	42	43	44	45
LYME Disease Ab	R	R	N	N	N
LYME Disease Ab WB IgG	R	R	N	N	N
LYME Disease Ab WB IgM	R *	R *	N	N	N
	46	47	48	49	50
ANA	R	N	N	R	N
<i>IFA Titer</i>	80 - 1280			80 - 1280	
	56	57	58	59	60
Rubella IgM	N	N	R	N	N
	61	62	63	64	65
HIV p24 Ag	N	N	R	N	N
	66	67	68	69	70
HBeAg	R	N	R	N	N
	71	72	73	74	75
Hepatitis C Ab	N*	R	N*	N*	R
Hepatitis C Ab Confirmation	N	R	N	N	R

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.

Acceptable Response (May 7, 2008 PT Event)
Quantitative Tests Results (Acceptable Range)

Analytes	Sample NO.				
Method/ Manufacture					
Alpha-1-Antitrypsin	76	77	78	79	80
Nephelometry/ <i>Dade Behring Neph.</i>	83 - 122	10 - 16	64 - 95	133 - 203	15 - 22
Nephelometry/ <i>Total</i>	52 - 137	9 - 16	61 - 100	133 - 201	14 - 24
All Method/ <i>Total</i>	54 - 132	9 - 16	60 - 103	123 - 210	11 - 27
Complement C'3	76	77	78	79	80
Nephelometry/ <i>Beckman Coulter Image</i>	60 - 88	25 - 36	122 - 163	168 - 229	17 - 28
Nephelometry/ <i>Dade Behring Neph.</i>	74 - 92	26 - 38	126 - 162	190 - 261	21 - 27
Turbidimetry/ <i>Roche Cobas Integra</i>	61 - 82	26 - 37	118 - 156	175 - 196	19 - 26
Nephelometry/ <i>Total</i>	57 - 101	24 - 39	126 - 162	159 - 267	18 - 30
Turbidimetry/ <i>Total</i>	58 - 83	23 - 40	111 - 157	154 - 218	14 - 33
Complement C'4	76	77	78	79	80
Nephelometry/ <i>Beckman Coulter Image</i>	11 - 18	3 - 5	33 - 43	30 - 44	3 - 6
Nephelometry/ <i>Dade Behring Neph.</i>	11 - 15	3 - 6	27 - 41	28 - 42	2 - 7
Turbidimetry/ <i>Roche Cobas Integra</i>	9 - 14	2 - 6	25 - 36	21 - 32	1 - 5
Nephelometry/ <i>Total</i>	10 - 19	3 - 5	26 - 44	27 - 47	3 - 6
Turbidimetry/ <i>Total</i>	8 - 16	1 - 6	22 - 39	22 - 33	1 - 7
Immunoglobulin A	81	82	83	84	85
Nephelometry/ <i>Beckman Coulter Image</i>	44 - 59	40 - 53	40 - 53	393 - 526	157 - 211
Nephelometry/ <i>Dade Behring Neph .</i>	46 - 73	39 - 59	42 - 56	418 - 590	174 - 229
Turbidimetry/ <i>Beckman Coulter Synch.</i>	52 - 64	43 - 58	45 - 58	407 - 457	186 - 199
Turbidimetry/ <i>Roche Cobas Integra</i>	41 - 53	37 - 53	35 - 56	377 - 458	180 - 204
Nephelometry/ <i>Total</i>	41 - 72	40 - 57	38 - 58	381 - 588	159 - 232
Turbidimetry/ <i>Total</i>	34 - 77	36 - 60	37 - 60	302 - 524	164 - 215
Immunoglobulin E	81	82	83	84	85
Chemiluminescence/ <i>Bayer Advia</i>	1 - 10	20 - 35	22 - 34	280 - 373	190 - 278
Chemiluminescence/ <i>Diag.Prod. Immulite</i>	2 - 5	21 - 36	21 - 35	220 - 377	177 - 287
FEIA/ <i>Pharmacia Immuncap</i>	2 - 7	24 - 34	20 - 36	246 - 416	174 - 277
Chemiluminescence/ <i>Total</i>	2 - 5	21 - 36	21 - 35	228 - 382	181 - 281
FEIA/ <i>Total</i>	2 - 7	23 - 33	21 - 35	253 - 404	174 - 270
All Method/ <i>Total</i>	1 - 7	21 - 35	20 - 35	229 - 392	173 - 280
Immunoglobulin G	81	82	83	84	85
Nephelometry/ <i>Beckman Coulter Image</i>	222 - 372	192 - 321	192 - 321	1404 - 2341	537 - 896
Nephelometry/ <i>Dade Behring Neph .</i>	226 - 378	192 - 321	192 - 320	1608 - 2682	543 - 907
Turbidimetry/ <i>Beckman Coulter Synch.</i>	213 - 356	179 - 300	181 - 304	1446 - 2411	516 - 861
Turbidimetry/ <i>Roche Cobas Integra</i>	204 - 342	177 - 296	177 - 296	1436 - 2394	502 - 837
Nephelometry/ <i>Total</i>	222 - 371	190 - 318	189 - 317	1518 - 2532	539 - 900
Turbidimetry/ <i>Total</i>	207 - 387	179 - 333	178 - 339	1390 - 2495	507 - 863
Immunoglobulin M	81	82	83	84	85
Nephelometry/ <i>Beckman Coulter Image</i>	17 - 24	19 - 29	20 - 29	140 - 182	77 - 96
Nephelometry/ <i>Dade Behring Neph .</i>	18 - 26	21 - 29	22 - 29	181 - 258	92 - 113
Turbidimetry/ <i>Beckman Coulter Synch.</i>	22 - 25	20 - 31	22 - 30	147 - 172	80 - 99
Turbidimetry/ <i>Roche Cobas Integra</i>	13 - 24	12 - 31	14 - 31	121 - 147	78 - 90
Nephelometry/ <i>Total</i>	16 - 27	20 - 30	20 - 31	110 - 275	71 - 118
Turbidimetry/ <i>Total</i>	9 - 49	17 - 42	17 - 52	85 - 253	68 - 131