

**Acceptable Response (May 9, 2007 PT Event)**  
**Quantitative Tests Results (Acceptable Range)**

<b>Analytes</b>	<b>Sample NO.</b>				
<b>Method/ Manufacture</b>					
<b>Alpha-1-Antitrypsin</b>	<b>76</b>	<b>77</b>	<b>78</b>	<b>79</b>	<b>80</b>
Nephelometry/Dade Behring Neph.	168 - 246	9 - 15	184 - 240	217 - 290	7 - 11
Nephelometry/ Total	90 - 283	9 - 15	174 - 241	111 - 344	7 - 11
Turbidimetry/ Total	128 - 203	< 36	159 - 210	175 - 211	< 36
<b>Complement C'3</b>	<b>76</b>	<b>77</b>	<b>78</b>	<b>79</b>	<b>80</b>
Nephelometry/Beckman Coulter Immage	291 - 368	32 - 39	138 - 166	199 - 269	32 - 43
Nephelometry/Dade Behring Neph.	290 - 453	29 - 44	136 - 186	199 - 282	30 - 45
Turbidimetry/Roche Cobas Integra	340 - 409	31 - 39	148 - 171	216 - 257	33 - 41
Nephelometry/ Total	268 - 438	30 - 42	132 - 181	199 - 274	32 - 43
Turbidimetry/ Total	311 - 430	25 - 47	133 - 177	204 - 271	27 - 49
<b>Complement C'4</b>	<b>76</b>	<b>77</b>	<b>78</b>	<b>79</b>	<b>80</b>
Nephelometry/Beckman Coulter Immage	36 - 46	3 - 5	33 - 42	99 - 141	3 - 6
Nephelometry/Dade Behring Neph.	31 - 42	3 - 5	30 - 41	85 - 141	3 - 5
Turbidimetry/Roche Cobas Integra	33 - 44	3 - 5	30 - 39	95 - 123	3 - 5
Nephelometry/ Total	30 - 46	3 - 5	29 - 42	83 - 143	3 - 5
Turbidimetry/ Total	27 - 46	3 - 5	24 - 42	73 - 136	3 - 5
<b>Immunoglobulin A</b>	<b>81</b>	<b>82</b>	<b>83</b>	<b>84</b>	<b>85</b>
Nephelometry/Beckman Coulter Immage	529 - 694	41 - 51	452 - 578	101 - 123	273 - 342
Nephelometry/Dade Behring Neph .	523 - 749	39 - 62	437 - 627	101 - 121	265 - 343
Nephelometry/Dade Behring BN P.	445 - 883	44 - 52	420 - 578	91 - 131	252 - 323
Turbidimetry/ Beckman Coulter Synch.	524 - 633	47 - 54	395 - 498	101 - 135	266 - 321
Turbidimetry/ Roche Cobas Integra	499 - 562	31 - 63	457 - 526	86 - 105	271 - 308
Nephelometry/ Total	449 - 794	40 - 57	423 - 609	96 - 127	259 - 347
Turbidimetry/ Total	369 - 699	35 - 62	375 - 565	73 - 135	250 - 325
<b>Immunoglobulin E</b>	<b>81</b>	<b>82</b>	<b>83</b>	<b>84</b>	<b>85</b>
Chemiluminescence/Bayer Advia Centaur	404 - 486	22 - 33	497 - 706	606 - 882	1 - 11
Chemiluminescence/Diag.Prod. Immulite	293 - 494	20 - 35	398 - 697	502 - 888	5 - 10
Chemiluminescence/ Total	301 - 513	20 - 35	412 - 708	517 - 887	5 - 10
FEIA/ Total	349 - 523	22 - 35	433 - 659	583 - 745	8 - 13
Nephelometry/ Total	255 - 521	19 - 35	432 - 688	535 - 816	< 35
<b>Immunoglobulin G</b>	<b>81</b>	<b>82</b>	<b>83</b>	<b>84</b>	<b>85</b>
Nephelometry/Beckman Coulter Immage	1744 - 2908	189 - 316	955 - 1593	487 - 813	830 - 1385
Nephelometry/Dade Behring Neph .	2198 - 3665	199 - 333	1079 - 1800	532 - 887	880 - 1468
Nephelometry/Dade Behring BN P.	2178 - 3631	192 - 321	1031 - 1720	523 - 873	859 - 1433
Turbidimetry/Beckman Coulter Synchron	1897 - 3163	180 - 301	968 - 1615	476 - 795	808 - 1348
Turbidimetry/Roche Cobas Integra	1835 - 3059	179 - 300	952 - 1588	470 - 785	795 - 1327
Nephelometry/ Total	1988 - 3314	193 - 322	1016 - 1695	508 - 848	853 - 1422
Turbidimetry/ Total	1796 - 2994	184 - 307	941 - 1569	471 - 786	799 - 1332
<b>Immunoglobulin M</b>	<b>81</b>	<b>82</b>	<b>83</b>	<b>84</b>	<b>85</b>
Nephelometry/Beckman Coulter Immage	177 - 234	19 - 30	168 - 218	112 - 149	98 - 125
Nephelometry/Dade Behring Neph .	283 - 412	21 - 31	221 - 299	111 - 153	90 - 129
Nephelometry/Dade Behring BN P.	286 - 343	19 - 29	213 - 265	112 - 140	95 - 120
Turbidimetry/Roche Cobas Integra	164 - 191	15 - 30	194 - 223	126 - 149	103 - 124
Nephelometry/ Total	83 - 475	20 - 30	130 - 328	110 - 152	93 - 129
Turbidimetry/ Total	121 - 265	15 - 37	165 - 234	100 - 158	88 - 133

**Acceptable Response (May 9, 2007 PT Event)  
Qualitative / Quantitative Tests Results**

Analytes	Sample NO.				
	1	2	3	4	5
<b>Syphilis - Reagin Ab</b>	N	N	N	R	R
<i>RPR Titer</i>				1 - 8	1 - 4
<b>Syphilis - Treponemal</b>	N	N	N	R	R
	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>
<b>HBcAb</b>	N	N	N	R	N
<b>HBsAg</b>	N	N	N	R	N
	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>
<b>CMV</b>	R	N	R	N	N
<b>Rubella Ab</b>	R	N	R	N	N
	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>20</b>
<b>ASO</b>	N	R	N	N	N
<i>Latex Agglutination as IU/ml</i>		100 - 1600			
	<b>26</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>30</b>
<b>Infectious Mono.</b>	N	N	N	N	R
<b>Rheumatoid Factor</b>	N	N	N	N	R
<i>Latex Agglutination Titer</i>					16 - 256
<i>Latex Agglutination as IU/ml</i>					80 - 2560
	<b>31</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>35</b>
<b>HIV Ab Screening/Confirmation</b>	R	N	R	N	N
	<b>36</b>	<b>37</b>	<b>38</b>	<b>39</b>	<b>40</b>
<b>HTLV 1 Ab</b>	N	N	R	N	N
	<b>41</b>	<b>42</b>	<b>43</b>	<b>44</b>	<b>45</b>
<b>LYME Disease Ab</b>	N	R	N	R	N
<b>LYME Disease Ab WB IgG</b>	N	R	N	R	N
<b>LYME Disease Ab WB IgM</b>	N	R	N	N	N
	<b>46</b>	<b>47</b>	<b>48</b>	<b>49</b>	<b>50</b>
<b>ANA</b>	R	N	N	N	N
<i>IFA Titer</i>	40 - 1280				
	<b>56</b>	<b>57</b>	<b>58</b>	<b>59</b>	<b>60</b>
<b>Rubella IgM</b>	N	R	N	N	N
	<b>61</b>	<b>62</b>	<b>63</b>	<b>64</b>	<b>65</b>
<b>HIV p24 Ag</b>	N	N	N	N	R
	<b>66</b>	<b>67</b>	<b>68</b>	<b>69</b>	<b>70</b>
<b>HBeAg</b>	N	N	R	R	N
	<b>71</b>	<b>72</b>	<b>73</b>	<b>74</b>	<b>75</b>
<b>Hepatitis C Ab</b>	N	N	R	N	R

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