

Acceptable Response (September 16, 2009 PT Event)

Quantitative Tests Results (Acceptable Range) - For groups of 10 labs or more.

| Analytes | Sample NO. | | | | |
|---------------------------------------|-------------------|-----------|------------|-----------|-------------|
| Method/ Manufacture | | | | | |
| Alpha-1-Antitrypsin | 76 | 77 | 78 | 79 | 80 |
| Nephelometry/Dade Behring Neph. | 32 - 41 | 79 - 107 | 13 - 19 | 282 - 467 | 44 - 58 |
| Nephelometry/ Total | 31 - 44 | 64 - 114 | 8 - 28 | 227 - 478 | 34 - 77 |
| All Method/ Total | 27 - 45 | 62 - 115 | 6 - 28 | 205 - 473 | 36 - 74 |
| Complement C'3 | 76 | 77 | 78 | 79 | 80 |
| Nephelometry/Beckman Coulter Immage | 29 - 42 | 70 - 84 | 18 - 26 | 257 - 317 | 56 - 73 |
| Turbidimetry/Roche Cobas Integra | 30 - 40 | 66 - 80 | 19 - 24 | 263 - 302 | 60 - 71 |
| Turbidimetry/Roche HitachiModular | 33 - 40 | 65 - 77 | 21 - 27 | 272 - 311 | 59 - 70 |
| Nephelometry/ Total | 29 - 42 | 66 - 93 | 18 - 27 | 246 - 326 | 55 - 77 |
| Turbidimetry/ Total | 27 - 43 | 65 - 80 | 13 - 31 | 235 - 334 | 59 - 72 |
| All Method/ Total | 28 - 43 | 59 - 90 | 16 - 29 | 239 - 331 | 57 - 74 |
| Complement C'4 | 76 | 77 | 78 | 79 | 80 |
| Nephelometry/Beckman Coulter Immage | 6 - 10 | 12 - 17 | 3 - 5 | 22 - 34 | 10 - 12 |
| Nephelometry/Dade Behring Neph. | 5 - 9 | 12 - 14 | 3 - 5 | 24 - 30 | 9 - 11 |
| Turbidimetry/Roche Cobas Integra | 6 - 8 | 9 - 14 | 2 - 5 | 23 - 32 | 6 - 11 |
| Turbidimetry/Roche HitachiModular | 5 - 8 | 10 - 12 | 2 - 4 | 23 - 28 | 7 - 10 |
| Nephelometry/ Total | 5 - 10 | 11 - 17 | 3 - 5 | 22 - 33 | 8 - 13 |
| Turbidimetry/ Total | 4 - 10 | 8 - 16 | 1 - 5 | 18 - 36 | 6 - 12 |
| All Method/ Total | 4 - 10 | 8 - 17 | 1 - 6 | 21 - 34 | 6 - 13 |
| Immunoglobulin A | 81 | 82 | 83 | 84 | 85 |
| Nephelometry/Beckman Coulter Immage | 146 - 215 | 93 - 137 | 84 - 133 | 39 - 63 | 171 - 286 |
| Nephelometry/Dade Behring Neph. | 167 - 248 | 112 - 156 | 105 - 145 | 42 - 65 | 237 - 299 |
| Turbidimetry/ Beckman Coulter Synch. | 152 - 207 | 115 - 144 | 109 - 131 | 53 - 72 | 225 - 270 |
| Turbidimetry/ Roche Cobas Integra | 178 - 217 | 107 - 135 | 108 - 124 | 45 - 57 | 227 - 258 |
| Turbidimetry/ Roche/Hitachi Modular | 172 - 193 | 98 - 130 | 100 - 117 | 36 - 59 | 208 - 234 |
| Nephelometry/ Total | 142 - 244 | 86 - 162 | 80 - 148 | 39 - 65 | 174 - 319 |
| Turbidimetry/ Total | 156 - 222 | 99 - 144 | 90 - 137 | 33 - 71 | 194 - 278 |
| All Method/ Total | 149 - 234 | 92 - 155 | 86 - 143 | 35 - 70 | 181 - 303 |
| Immunoglobulin E | 81 | 82 | 83 | 84 | 85 |
| Chemiluminescence/Bayer Advia | 28 - 37 | 181 - 281 | 461 - 785 | 214 - 302 | 160 - 232 |
| Chemiluminescence/Diag.Prod. Immulite | 32 - 51 | 198 - 289 | 509 - 830 | 187 - 330 | 176 - 263 |
| FEIA/Pharmacia Immucap | 27 - 45 | 178 - 295 | 586 - 841 | 200 - 303 | 138 - 254 |
| Chemiluminescence/ Total | 25 - 53 | 194 - 285 | 519 - 809 | 209 - 310 | 165 - 261 |
| FEIA/ Total | 28 - 44 | 183 - 286 | 587 - 826 | 202 - 296 | 144 - 252 |
| All Method/ Total | 24 - 51 | 187 - 288 | 488 - 882 | 197 - 312 | 146 - 267 |
| Immunoglobulin G | 81 | 82 | 83 | 84 | 85 |
| Nephelometry/Beckman Coulter Immage | 733 - 1223 | 536 - 895 | 647 - 1080 | 251 - 420 | 973 - 1622 |
| Nephelometry/Dade Behring Neph. | 732 - 1221 | 555 - 926 | 655 - 1094 | 247 - 412 | 1023 - 1706 |
| Turbidimetry/Roche Cobas Integra | 709 - 1182 | 517 - 863 | 620 - 1035 | 228 - 381 | 956 - 1595 |
| Turbidimetry/ Roche/Hitachi Modular | 667 - 1113 | 488 - 814 | 585 - 976 | 212 - 355 | 888 - 1481 |
| Nephelometry/ Total | 736 - 1227 | 544 - 908 | 648 - 1081 | 248 - 415 | 997 - 1663 |
| Turbidimetry/ Total | 693 - 1156 | 515 - 859 | 610 - 1018 | 228 - 382 | 948 - 1581 |
| All Method/ Total | 710 - 1184 | 525 - 876 | 623 - 1039 | 235 - 393 | 964 - 1607 |
| Immunoglobulin M | 81 | 82 | 83 | 84 | 85 |
| Nephelometry/Beckman Coulter Immage | 24 - 36 | 48 - 66 | 34 - 48 | 64 - 70 | 116 - 134 |
| Nephelometry/Dade Behring Neph. | 24 - 36 | 54 - 67 | 33 - 46 | 60 - 76 | 120 - 159 |
| Turbidimetry/Roche Cobas Integra | 20 - 36 | 46 - 60 | 34 - 45 | 58 - 73 | 110 - 132 |
| Turbidimetry/ Roche/Hitachi Modular | 23 - 36 | 45 - 62 | 32 - 45 | 57 - 70 | 101 - 130 |
| Nephelometry/ Total | 23 - 38 | 52 - 66 | 32 - 48 | 59 - 76 | 98 - 167 |
| Turbidimetry/ Total | 20 - 40 | 41 - 71 | 30 - 53 | 52 - 78 | 103 - 135 |
| All Method/ Total | 22 - 38 | 44 - 70 | 31 - 50 | 54 - 78 | 90 - 162 |

**Acceptable Response (September 16, 2009 PT Event)
Qualitative / Quantitative Tests Results**

| Analytes | Sample NO. | | | | |
|---|------------|-----------|------------|------------|-----------|
| | 1 | 2 | 3 | 4 | 5 |
| Syphilis - Reagin | R | N | N | N | R |
| <i>RPR Titer</i> | 1 - 4 | < 1 | < 1 | < 1 | 1 - 4 |
| Syphilis - Treponemal | R | N | N | N | R |
| | 6 | 7 | 8 | 9 | 10 |
| HBcAb | R | N | N | N | R |
| HBsAg | N | N | R | N | R |
| HBsAg Confirmation | N | N | R | N | R |
| | 11 | 12 | 13 | 14 | 15 |
| CMV | N | N | R | N | R |
| Rubella Ab | N | N | R | N | N |
| Rubella Ab Quantitative <i>EIA IU/ml</i> | < 10 | < 10 | 10 - 30 | < 10 | < 10 |
| <i>Chemiluminescent IU/ml</i> | < 10 | < 10 | 12 - 23 | < 10 | < 10 |
| <i>Advia Centaur IU/ml</i> | < 10 | < 10 | 62 - 167 | < 10 | < 10 |
| | 16 | 17 | 18 | 19 | 20 |
| ASO | R | N | R | N | N |
| ASO Quantitative <i>Latex IU/ml</i> | 100 - 1600 | < 200 | 100 - 1600 | < 200 | < 200 |
| <i>Nephelometry IU/ml</i> | 190 - 834 | < 100 | 198 - 807 | < 100 | < 100 |
| <i>Turbidimetry IU/ml</i> | 275 - 1013 | < 100 | 275 - 1007 | < 100 | < 100 |
| | 26 | 27 | 28 | 29 | 30 |
| Infectious Mono. | N | R | N | R | N |
| Rheumatoid Factor | N | R | N | R | N |
| RF Quantitative | | | | | |
| <i>Latex (Dilution Scheme A)</i> | < 10 | 40 - 640 | < 10 | 20 - 320 | < 10 |
| <i>Latex (Dilution Scheme B)</i> | < 1 | 4 - 64 | < 1 | 2 - 32 | < 1 |
| <i>Nephelometry IU/ml</i> | < 20 | 77 - 268 | < 20 | 39 - 137 | < 20 |
| <i>Turbidimetry IU/ml</i> | < 20 | 77 - 310 | < 20 | 39 - 162 | < 20 |
| | 31 | 32 | 33 | 34 | 35 |
| HIV Ab Screening/Confirmation | N | R | N | N | R |
| | 36 | 37 | 38 | 39 | 40 |
| HTLV 1 Ab | N | N | R | R | N |
| | 41 | 42 | 43 | 44 | 45 |
| LYME Disease Ab | R (G+, M+) | R (G+,M+) | 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 (p) | N | N | R (s) | N |
| <i>IFA Titer</i> | 40 - 1280 | < 40 | <40 | 160 - 2560 | < 40 |
| | 56 | 57 | 58 | 59 | 60 |
| Rubella IgM | N | R | N | N | N |
| | 66 | 67 | 68 | 69 | 70 |
| Hepatitis Be Ag | N | N | N | R | R |
| | 71 | 72 | 73 | 74 | 75 |
| Hepatitis C Ab | N | R | R | N | N |
| Hepatitis C Ab Confirmation | N | R | R | 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.