



## Immunoproteins

Name	Line No.	Specimen 1			Specimen 2			Specimen 3			Specimen 4			Specimen 5			No. of Labs
		Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type	Mean	SD	Range & Type	Mean	SD	
<b>IMMUNOGLOBULIN A (IgA)</b>																	
<b>Initial Grouping by Reagent</b>																	
Beckman Olympus turb	1	190 - 217	S 203.4	4.4	189 - 214	S 201.4	4.1	399 - 583	S 491.0	30.7	186 - 230	S 208.0	7.3	81 - 102	S 91.2	3.5	5
<b>Initial Grouping by Sensitivity or Principle</b>																	
Turbidimetric	2	186 - 218	S 201.8	5.3	184 - 215	S 199.6	5.1	419 - 579	S 499.1	26.6	186 - 229	S 207.8	7.2	68 - 105	S 86.3	6.2	16
Nephelometric	3	157 - 297	S 227.0	23.4	194 - 221	S 207.5	4.5	434 - 743	S 588.3	51.6	206 - 233	S 219.5	4.5	64 - 116	S 90.0	8.5	4
<b>Total Population</b>																	
Whole Population	4	110 - 310	S 210.0	33.2	0 - 785	S 241.5	181.3	352 - 671	S 511.6	53.1	0 - 500	S 230.1	90.0	0 - 274	S 99.2	58.2	22
<b>IMMUNOGLOBULIN G (IgG)</b>																	
<b>Initial Grouping by Reagent</b>																	
Beckman Olympus turb	1	763 - 1272	P 1017.6	16.2	765 - 1276	P 1020.6	41.8	724 - 1206	P 965.0	21.2	1363 - 2272	P 1817.4	31.0	318 - 530	P 424.0	7.7	5
<b>Initial Grouping by Sensitivity or Principle</b>																	
Turbidimetric	2	771 - 1285	P 1028.4	39.1	775 - 1291	P 1032.9	69.9	734 - 1223	P 978.5	43.1	1463 - 2438	P 1950.1	150.3	322 - 536	P 429.1	23.9	16
Nephelometric	3	820 - 1366	P 1092.7	54.3	832 - 1386	P 1108.7	60.5	799 - 1331	P 1065.0	69.4	1622 - 2703	P 2162.8	206.2	346 - 576	P 461.0	32.6	4
<b>Total Population</b>																	
Whole Population	4	818 - 1363	P 1090.3	248.2	761 - 1268	P 1014.2	142.6	792 - 1321	P 1056.5	303.3	1489 - 2481	P 1984.9	182.8	383 - 639	P 511.0	354.2	21
<b>IMMUNOGLOBULIN M (IgM)</b>																	
<b>Initial Grouping by Reagent</b>																	
Beckman Olympus turb	1	69 - 97	S 83.0	4.8	222 - 622	S 422.4	66.7	114 - 174	S 144.2	10.0	65 - 104	S 84.4	6.4	31 - 47	S 38.6	2.7	5
<b>Initial Grouping by Sensitivity or Principle</b>																	
Turbidimetric	2	65 - 122	S 93.5	9.5	273 - 655	S 463.8	63.7	111 - 220	S 165.2	18.2	61 - 135	S 98.1	12.2	30 - 50	S 40.1	3.2	16
Nephelometric	3	62 - 141	S 101.7	13.1	418 - 621	S 519.3	33.9	118 - 259	S 188.5	23.5	45 - 177	S 111.0	22.0	22 - 57	S 39.7	5.7	4
<b>Total Population</b>																	
Whole Population	4	40 - 157	S 98.4	19.5	206 - 711	S 458.6	84.0	106 - 233	S 169.4	21.1	0 - 229	S 108.2	40.4	0 - 139	S 46.7	30.9	21
<b>IMMUNOGLOBULIN E (IgE)</b>																	
<b>Initial Grouping by Reagent</b>																	
Roche ECLIA	1	86 - 91	S 88.3	0.8	79 - 91	S 85.0	1.9	78 - 87	S 82.3	1.5	79 - 95	S 86.8	2.6	31 - 39	S 35.0	1.2	4
<b>Initial Grouping by Sensitivity or Principle</b>																	
Luminometric	2	74 - 100	S 86.7	4.3	71 - 97	S 83.7	4.3	64 - 96	S 80.2	5.2	73 - 98	S 85.8	4.2	24 - 46	S 35.3	3.7	9
<b>Total Population</b>																	
Whole Population	3	71 - 100	S 85.4	4.9	67 - 97	S 82.1	5.1	63 - 98	S 80.9	5.9	70 - 99	S 84.5	4.9	24 - 47	S 35.3	3.8	15
<b>C3</b>																	
<b>Initial Grouping by Reagent</b>																	
Roche Tina-Quant	1	143 - 161	S 151.8	2.9	146 - 167	S 156.4	3.4	134 - 167	S 150.4	5.5	144 - 172	S 158.0	4.8	61 - 70	S 65.8	1.5	5
Beckman Olympus turb	2	130 - 149	S 139.8	3.2	132 - 153	S 142.6	3.5	125 - 149	S 137.4	4.0	130 - 157	S 143.5	4.6	56 - 67	S 61.9	1.8	8
Kamiya Biomed K-assay/ITA	3	109 - 188	S 148.3	13.1	124 - 192	S 157.8	11.4	110 - 190	S 149.8	13.4	120 - 192	S 155.8	12.0	56 - 72	S 63.8	2.7	4
<b>Initial Grouping by Sensitivity or Principle</b>																	
Turbidimetric	4	122 - 168	S 145.0	7.6	125 - 175	S 150.0	8.3	69 - 210	S 139.6	23.6	73 - 219	S 145.9	24.4	53 - 72	S 62.2	3.2	26
<b>Total Population</b>																	
Whole Population	5	44 - 247	S 145.4	33.9	74 - 219	S 146.3	24.1	24 - 268	S 146.1	40.8	26 - 279	S 152.6	42.2	0 - 164	S 66.2	32.6	28
<b>C4</b>																	
<b>Initial Grouping by Reagent</b>																	
Roche Tina-Quant	1	25 - 30	S 27.6	0.8	26 - 30	S 28.2	0.7	25 - 30	S 27.4	0.8	28 - 30	S 28.8	0.4	10 - 13	S 11.6	0.5	5

Beckman Olympus turb	2	27 - 34	S 30.4	1.1	28 - 36	S 31.6	1.3	27 - 33	S 30.1	1.1	27 - 36	S 31.6	1.5	11 - 14	S 12.3	0.5	8
Kamiya Biomed K-assay ITA	3	29 - 33	S 31.0	0.7	29 - 34	S 31.3	0.8	27 - 35	S 30.8	1.3	29 - 36	S 32.3	1.1	12 - 14	S 12.8	0.4	4
<b>Initial Grouping by Sensitivity or Principle</b>																	
Turbidimetric	4	24 - 35	S 29.4	1.7	25 - 36	S 30.3	1.9	23 - 35	S 29.1	1.9	25 - 36	S 30.6	1.9	10 - 14	S 12.0	0.6	26
<b>Total Population</b>																	
Whole Population	5	0 - 101	S 34.3	22.3	0 - 103	S 34.7	22.7	0 - 106	S 34.9	23.6	0 - 116	S 37.5	26.2	0 - 49	S 15.2	11.2	28