



Lipids

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	
Apolipoprotein A1																	
Initial Grouping by Sensitivity or Principle																	
Standardized	1	77 - 143	P 109.7	13.3	1 - 51	C 25.9	9.3	15 - 65	C 39.5	2.5	106 - 196	P 151.0	19.0	61 - 113	P 86.6	10.8	10
Total Population																	
Whole Population	2	74 - 138	P 106.3	13.1	0 - 50	C 24.6	8.6	15 - 65	C 39.6	2.5	102 - 189	P 145.1	20.1	59 - 110	P 84.9	9.9	14
Apolipoprotein B																	
Initial Grouping by Sensitivity or Principle																	
Spectrophotometric	1	45 - 85	C 64.5	4.6	0 - 35	C 14.8	3.9	7 - 47	C 27.1	6.4	64 - 107	P 85.7	5.5	29 - 69	C 49.0	5.4	17
Total Population																	
Whole Population	2	45 - 85	C 64.7	4.3	0 - 35	C 15.3	4.6	7 - 47	C 27.2	6.3	65 - 108	P 86.3	6.0	29 - 69	C 48.9	5.0	20
HDL Cholesterol																	
Initial Grouping by Reagent and Instrument																	
Abbott & Abbott Architect c, ci, i	1	23 - 43	P 33.0	2.2	5 - 10	P 7.8	1.3	10 - 18	P 13.8	1.3	61 - 114	P 87.8	5.9	18 - 34	P 26.1	1.7	18
Alfa Wassermann & Alfa Wasser Axcel/Alera	2	27 - 50	P 38.1	1.3	7 - 13	P 10.0	1.0	12 - 22	P 16.6	1.2	60 - 111	P 85.3	3.9	20 - 38	P 29.2	0.9	13
Beck Oly direct/homogeneous & Beck Olym AU 400/600/5400	3	23 - 43	P 32.9	1.8	5 - 9	P 7.0	0.9	9 - 17	P 13.0	1.0	61 - 114	P 87.5	4.5	18 - 33	P 25.1	1.7	22
Beck Oly direct/homogeneous & Beckman AU 480	4	23 - 43	P 33.4	2.2	5 - 9	P 6.9	1.0	9 - 17	P 13.1	1.2	64 - 119	P 91.3	4.9	18 - 33	P 25.6	1.6	16
Ortho Vitros dHDL & Ortho Vitros 3600, 5600	5	51 - 95	P 72.9	5.8	6 - 10	P 7.9	0.4	12 - 22	P 17.2	0.8	83 - 155	P 119.0	12.2	33 - 62	P 47.6	3.3	18
Ortho Vitros dHDL & Ortho Vitros not DT or ECI	6	50 - 93	P 71.6	5.1	6 - 11	P 8.1	0.3	12 - 22	P 17.2	1.0	101 - 188	P 144.9	9.4	32 - 59	P 45.4	3.1	17
Siem Dimens AHDL, Lot DF48B & Siemens Dimension EXL	7	47 - 86	P 66.5	3.9	12 - 22	P 16.9	0.8	20 - 38	P 29.2	1.4	102 - 189	P 145.2	7.7	37 - 69	P 52.7	2.8	26
Siemens Dimension Flex & Siemens Dimension EXL	8	47 - 88	P 67.4	3.5	12 - 22	P 17.0	0.9	21 - 39	P 29.7	1.2	105 - 195	P 150.2	9.6	37 - 69	P 53.3	2.3	30
Siemens Dimension Flex & Siemens Dimension Xpand	9	46 - 86	P 65.9	3.8	12 - 22	P 16.8	0.7	20 - 37	P 28.8	1.7	101 - 187	P 143.9	6.1	36 - 68	P 52.0	2.8	11
Initial Grouping by Reagent																	
Abbott	10	23 - 43	P 33.0	2.2	5 - 10	P 7.8	1.3	10 - 18	P 13.8	1.3	61 - 114	P 87.8	5.9	18 - 34	P 26.1	1.7	18
Alfa Wassermann	11	27 - 50	P 38.1	1.3	7 - 13	P 10.0	1.0	12 - 22	P 16.6	1.2	60 - 111	P 85.3	3.9	20 - 38	P 29.2	0.9	13
Beck Oly direct/homogeneous	12	23 - 43	P 33.1	1.9	5 - 9	P 7.0	0.9	9 - 17	P 13.1	1.1	62 - 116	P 88.9	5.0	18 - 33	P 25.3	1.6	40
Beckman direct detergent	13	24 - 44	P 33.6	1.4	5 - 9	P 7.1	0.6	9 - 17	P 13.4	0.8	64 - 118	P 91.0	4.5	18 - 34	P 25.8	1.0	12
Carolina	14	26 - 49	P 37.7	3.1	6 - 11	P 8.4	1.1	11 - 20	P 15.0	1.0	69 - 129	P 99.1	8.7	20 - 37	P 28.5	2.5	11
Ortho Vitros dHDL	15	51 - 94	P 72.3	5.6	6 - 11	P 8.1	0.5	12 - 22	P 17.3	0.9	92 - 170	P 131.0	16.6	33 - 61	P 46.7	3.3	41
Roche 4th Gen	16	7 - 12	P 9.6	1.0	2 - 4	P 2.9	0.2	2 - 4	P 3.1	0.2	30 - 56	P 43.2	3.9	8 - 14	P 10.9	16.6	16
Roche HDL-C	17	22 - 42	P 32.0	29.2	5 - 10	P 7.4	5.4	9 - 16	P 12.6	12.2	62 - 115	P 88.6	58.6	18 - 33	P 25.5	23.7	16
Siem Dimens AHDL, Lot DF48B	18	46 - 86	P 65.9	3.7	12 - 22	P 16.9	0.9	20 - 38	P 29.2	1.4	101 - 188	P 144.7	8.1	37 - 68	P 52.2	2.8	40
Siemens Dimension Flex	19	47 - 87	P 67.0	3.7	12 - 22	P 17.0	0.9	21 - 38	P 29.4	1.5	104 - 193	P 148.3	9.5	37 - 69	P 52.9	2.5	43
Sterling Diagnostic	20	24 - 45	P 34.3	2.3	8 - 15	P 11.5	1.2	12 - 23	P 17.7	1.8	63 - 117	P 89.7	3.6	21 - 40	P 30.4	2.5	15
Initial Grouping by Sensitivity or Principle																	
Standardized methods	21	26 - 48	P 37.0	15.9	6 - 11	P 8.1	3.0	10 - 19	P 14.9	6.5	65 - 120	P 92.3	28.6	21 - 38	P 29.5	13.7	154
Polyethylene glycol (PEG)	22	23 - 43	P 33.2	3.0	7 - 13	P 10.1	2.2	11 - 21	P 15.8	3.0	61 - 114	P 87.4	6.9	20 - 37	P 28.2	3.7	25
Other complexometric	23	50 - 93	P 71.3	8.1	6 - 11	P 8.1	0.5	12 - 22	P 17.2	1.1	91 - 168	P 129.5	18.8	32 - 60	P 46.2	4.5	42
PTA/no magnesium	24	45 - 84	P 64.4	8.6	11 - 21	P 16.2	2.6	20 - 37	P 28.2	4.1	100 - 185	P 142.4	18.4	36 - 66	P 50.9	7.1	91
Roche Direct	25	7 - 12	P 9.6	1.0	2 - 4	P 2.9	0.2	2 - 4	P 3.1	0.2	30 - 56	P 43.2	3.9	8 - 14	P 10.9	16.6	16
Total Population																	
Whole Population	26	33 - 62	P 47.7	21.4	7 - 13	P 10.3	4.8	13 - 24	P 18.5	8.5	75 - 140	P 107.7	35.7	26 - 48	P 36.8	16.1	334
LDL Cholesterol																	
Initial Grouping by Reagent and Instrument																	
Beckman Olympus & Beck Olym AU 400/600/5400	1	23 - 53	C 37.5	3.4	0 - 22	C 6.5	0.5	0 - 27	C 11.8	1.0	53 - 83	C 68.2	6.3	10 - 40	C 25.4	2.1	12

Siemens ALDL & Siemens Dimension EXL	2	38 - 68	C 53.3	3.9	0 - 24	C 8.5	2.0	2 - 32	C 17.3	2.0	73 - 109	P 91.0	4.5	23 - 53	C 37.6	2.9	24
Initial Grouping by Reagent																	
Beckman Olympus	3	22 - 52	C 37.4	2.9	0 - 22	C 6.5	0.5	0 - 27	C 11.8	0.8	53 - 83	C 68.0	5.6	10 - 40	C 25.3	2.0	21
Roche LDL 2nd, 3rd Generation	4	70 - 105	P 87.7	6.1	1 - 31	C 15.7	1.7	16 - 46	C 31.3	2.4	118 - 177	P 147.2	9.5	48 - 78	C 62.6	13.9	16
Siemens ALDL	5	38 - 68	C 53.2	3.8	0 - 24	C 8.5	2.0	2 - 32	C 17.4	2.0	73 - 110	P 91.3	4.3	23 - 53	C 37.7	2.7	28
Initial Grouping by Sensitivity or Principle																	
Standardized methods	6	32 - 62	C 46.8	10.2	0 - 25	C 9.9	6.1	2 - 32	C 17.0	5.1	66 - 99	P 82.2	17.0	18 - 48	C 33.3	6.5	94
All other methods	7	47 - 77	C 61.5	9.4	0 - 27	C 11.5	2.0	7 - 37	C 21.7	4.5	85 - 127	P 105.8	23.2	27 - 57	C 42.4	9.0	11
Roche 2nd and 3rd Gen	8	70 - 105	P 87.7	6.1	1 - 31	C 15.7	1.7	16 - 46	C 31.3	2.4	118 - 177	P 147.2	9.5	48 - 78	C 62.6	13.9	16
Total Population																	
Whole Population	9	38 - 68	C 53.1	17.5	0 - 26	C 10.8	5.8	4 - 34	C 19.3	6.8	74 - 111	P 92.9	27.9	23 - 53	C 37.8	13.1	123

Lipoprotein (a)

Total Population																	
Whole Population	1	11 - 21	P 15.8	1.4	1 - 5	C 3.1	0.3	4 - 8	C 5.9	0.8	15 - 27	P 20.9	1.4	8 - 15	P 11.3	0.7	12