



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 bySensitivityor Principle																	
Standardized	1	99 - 183	P 140.9	14.0	17 - 67	C 42.4	2.9	0 - 47	C 21.5	2.2	64 - 120	P 92.1	8.1	167 - 309	P 238.0	16.9	10
Total Population																	
Whole Population	2	98 - 182	P 140.1	12.6	18 - 68	C 42.6	2.8	0 - 47	C 21.5	2.2	64 - 119	P 91.5	7.3	164 - 305	P 234.3	16.6	14
Apolipoprotein B																	
Initial Grouping bySensitivityor Principle																	
Spectrophotometric	1	42 - 82	C 62.2	4.8	4 - 44	C 23.9	7.2	0 - 34	C 14.1	4.9	22 - 62	C 41.9	4.1	86 - 143	P 114.7	6.8	15
Total Population																	
Whole Population	2	42 - 82	C 62.4	4.6	4 - 44	C 23.6	6.7	0 - 34	C 13.8	4.6	22 - 62	C 41.8	3.8	87 - 145	P 115.6	6.7	19
HDL Cholesterol																	
Initial Grouping byReagent and Instrument																	
Abbott & Abbott Architect c, ci, i	1	29 - 55	P 42.0	1.5	10 - 19	P 14.7	0.9	6 - 11	P 8.2	0.9	20 - 36	P 28.0	1.1	47 - 87	P 67.3	2.3	13
Alfa Wassermann & Alfa Wasser Axcel/Alera	2	31 - 57	P 43.8	1.5	11 - 21	P 15.8	0.7	6 - 11	P 8.8	0.4	21 - 39	P 30.0	1.0	47 - 87	P 67.1	2.5	11
Beck Oly direct/homogeneous & Beck Olym AU 400/600/5400	3	29 - 54	P 41.6	1.8	10 - 18	P 13.6	1.0	5 - 9	P 7.1	0.8	19 - 36	P 27.5	1.6	48 - 89	P 68.5	2.8	17
Beck Oly direct/homogeneous & Beckman AU 480	4	29 - 54	P 41.8	2.2	10 - 18	P 13.8	1.2	5 - 9	P 7.1	1.0	19 - 36	P 27.6	1.9	49 - 90	P 69.4	3.7	13
Ortho Vitros dHDL & Ortho Vitros 3600, 5600	5	26 - 48	P 36.7	1.4	7 - 13	P 10.2	0.5	4 - 8	P 5.9	0.3	15 - 28	P 21.6	1.0	45 - 84	P 64.5	2.4	18
Ortho Vitros dHDL & Ortho Vitros not DT or ECI	6	26 - 48	P 36.8	1.4	7 - 14	P 10.5	0.5	4 - 8	P 6.0	0.0	15 - 29	P 22.0	0.9	46 - 85	P 65.0	3.4	16
Siem Dimens AHDL, Lot DF48B & Siemens Dimension EXL	7	23 - 42	P 32.3	1.1	9 - 17	P 12.9	0.8	6 - 11	P 8.3	0.9	16 - 30	P 22.9	1.1	29 - 54	P 41.9	1.5	26
Siemens Dimension Flex & Siemens Dimension EXL	8	23 - 42	P 32.2	1.1	9 - 17	P 13.0	1.0	6 - 11	P 8.8	2.1	16 - 30	P 22.7	1.1	29 - 54	P 41.9	1.6	24
Siemens Dimension Flex & Siemens Dimension Xpand	9	23 - 42	P 32.6	1.4	9 - 17	P 13.0	0.9	6 - 11	P 8.3	0.9	16 - 30	P 23.0	1.2	29 - 54	P 41.5	2.0	10
Initial Grouping byReagent																	
Abbott	10	29 - 55	P 42.0	1.5	10 - 19	P 14.7	0.9	6 - 11	P 8.2	0.9	20 - 36	P 28.0	1.1	47 - 87	P 67.3	2.3	13
Alfa Wassermann	11	31 - 57	P 43.8	1.5	11 - 21	P 15.8	0.7	6 - 11	P 8.8	0.4	21 - 39	P 30.0	1.0	47 - 87	P 67.1	2.5	11
Beck Oly direct/homogeneous	12	29 - 54	P 41.9	2.2	10 - 18	P 13.7	1.1	5 - 9	P 7.0	1.0	19 - 36	P 27.6	1.8	48 - 90	P 69.0	3.2	32
Beckman direct detergent	13	29 - 54	P 41.4	2.6	9 - 18	P 13.5	1.0	5 - 9	P 6.9	0.8	19 - 35	P 27.1	1.8	48 - 89	P 68.8	4.4	13
Carolina	14	32 - 60	P 46.0	4.4	11 - 20	P 15.1	1.9	5 - 10	P 7.8	0.9	21 - 39	P 30.3	2.4	55 - 101	P 77.9	6.4	12
Ortho Vitros dHDL	15	26 - 48	P 36.8	1.5	7 - 14	P 10.5	0.9	4 - 8	P 6.2	1.5	15 - 28	P 21.8	0.9	46 - 85	P 65.0	2.9	39
Roche 4th Gen	16	24 - 45	P 34.6	1.2	8 - 15	P 11.8	0.6	4 - 8	P 6.0	0.3	16 - 30	P 23.4	0.9	36 - 66	P 50.9	2.1	20
Roche HDL-C	17	24 - 45	P 34.9	1.8	8 - 15	P 11.9	0.8	4 - 8	P 6.1	0.5	17 - 31	P 23.6	1.1	36 - 67	P 51.5	3.7	11
Siem Dimens AHDL, Lot DF48B	18	23 - 42	P 32.4	1.1	9 - 17	P 12.9	0.8	6 - 11	P 8.5	1.3	16 - 30	P 23.0	1.0	29 - 55	P 42.0	1.7	37
Siemens Dimension Flex	19	23 - 42	P 32.4	1.2	9 - 17	P 13.1	1.0	6 - 11	P 8.7	1.8	16 - 30	P 22.8	1.1	29 - 54	P 41.8	1.7	35
Sterling Diagnostic	20	24 - 45	P 34.6	2.1	9 - 16	P 12.6	1.3	6 - 10	P 7.9	1.4	16 - 30	P 23.4	1.8	35 - 65	P 49.9	1.5	14
Initial Grouping bySensitivityor Principle																	
Standardized methods	21	29 - 54	P 41.3	4.7	10 - 18	P 13.7	1.9	5 - 9	P 7.2	1.3	19 - 35	P 27.3	3.1	46 - 86	P 66.2	9.8	129
Polyethylene glycol (PEG)	22	24 - 44	P 33.9	2.6	9 - 16	P 12.6	1.3	5 - 10	P 7.7	1.2	17 - 31	P 23.6	1.9	34 - 63	P 48.6	5.1	22
Other complexometric	23	26 - 48	P 36.8	1.7	7 - 14	P 10.6	1.0	4 - 8	P 6.2	1.4	15 - 29	P 22.0	1.2	45 - 84	P 64.6	3.4	41
PTA/no magnesium	24	23 - 43	P 33.1	2.6	9 - 17	P 13.1	1.0	6 - 11	P 8.4	1.6	16 - 30	P 23.3	1.8	31 - 57	P 43.7	6.5	79
Roche Direct	25	24 - 45	P 34.6	1.2	8 - 15	P 11.8	0.6	4 - 8	P 6.0	0.3	16 - 30	P 23.4	0.9	36 - 66	P 50.9	2.1	20
Total Population																	
Whole Population	26	26 - 49	P 37.4	5.1	9 - 17	P 13.0	2.1	5 - 10	P 7.4	1.7	17 - 32	P 24.9	3.2	40 - 75	P 57.7	12.8	295
LDL Cholesterol																	
Initial Grouping byReagent and Instrument																	
Beckman Olympus & Beck Olym AU 400/600/5400	1	38 - 68	C 53.3	4.5	2 - 32	C 17.3	1.5	0 - 23	C 8.0	0.7	20 - 50	C 35.4	3.1	84 - 125	P 104.4	7.7	11

Siemens ALDL & Siemens Dimension EXL	2	49 - 79	C 63.5	2.5	6 - 36	C 20.6	1.4	0 - 25	C 9.7	1.2	27 - 57	C 42.1	1.4	97 - 146	P 121.3	3.0	19
Initial Grouping by Reagent																	
Beckman Olympus	3	39 - 69	C 54.1	4.5	3 - 33	C 17.5	1.4	0 - 23	C 8.2	0.8	21 - 51	C 35.9	3.0	84 - 126	P 104.9	7.4	17
Roche LDL 2nd, 3rd Generation	4	62 - 94	P 78.1	3.4	11 - 41	C 25.6	1.1	0 - 28	C 12.6	0.8	37 - 67	C 52.1	2.3	116 - 174	P 144.9	6.4	14
Siemens ALDL	5	48 - 78	C 63.4	2.3	6 - 36	C 20.7	1.3	0 - 25	C 9.7	1.1	27 - 57	C 42.0	1.4	97 - 146	P 121.4	2.8	23
Initial Grouping by Sensitivity or Principle																	
Standardized methods	6	46 - 76	C 60.6	6.4	5 - 35	C 20.2	3.4	0 - 24	C 9.4	1.7	25 - 55	C 40.0	4.6	94 - 141	P 117.1	11.1	82
Roche 2nd and 3rd Gen	7	62 - 94	P 78.1	3.4	11 - 41	C 25.6	1.1	0 - 28	C 12.6	0.8	37 - 67	C 52.1	2.3	116 - 174	P 144.9	6.4	14
Total Population																	
Whole Population	8	48 - 78	C 63.4	8.4	6 - 36	C 21.3	4.3	0 - 25	C 10.2	2.2	27 - 57	C 41.7	5.9	97 - 146	P 121.5	14.1	106

Lipoprotein (a)

Initial Grouping by Sensitivity or Principle																	
Spectrophotometric	1	5 - 10	P 7.8	1.9	2 - 6	C 3.7	2.4	2 - 6	C 3.6	2.6	4 - 8	C 5.8	2.4	9 - 17	P 12.9	2.5	10
Total Population																	
Whole Population	2	5 - 10	P 7.5	1.7	2 - 6	C 4.2	2.5	2 - 6	C 4.1	2.7	4 - 8	C 6.2	2.3	9 - 16	P 12.5	2.2	14