



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	24 - 74	C 49.0	6.3	94 - 175	P 134.4	13.1	127 - 235	P 180.8	18.8	5 - 55	C 29.6	8.6	71 - 133	P 102.1	11.6	10
Total Population																	
Whole Population	2	23 - 73	C 48.2	5.9	94 - 175	P 134.5	11.6	128 - 237	P 182.3	18.3	3 - 53	C 28.3	8.2	71 - 131	P 100.9	10.5	13
Apolipoprotein B																	
Initial Grouping by Sensitivity or Principle																	
Spectrophotometric	1	8 - 48	C 28.1	8.9	48 - 88	C 67.9	5.5	67 - 112	P 89.7	5.6	1 - 41	C 20.7	12.4	30 - 70	C 49.9	7.0	15
Total Population																	
Whole Population	2	7 - 47	C 27.4	8.6	47 - 87	C 67.3	5.5	67 - 112	P 89.6	6.4	1 - 41	C 21.0	11.8	29 - 69	C 49.1	6.6	19
HDL Cholesterol																	
Initial Grouping by Reagent and Instrument																	
Abbott & Abbott Architect c, ci, i	1	10 - 18	P 14.0	1.5	25 - 47	P 36.2	3.2	64 - 119	P 91.4	3.0	5 - 10	P 7.4	2.4	19 - 36	P 27.4	2.5	17
Alfa Wassermann & Alfa Wasser Axcel/Alera	2	12 - 22	P 16.8	1.2	28 - 53	P 40.4	2.0	63 - 116	P 89.3	5.1	7 - 13	P 9.7	1.3	21 - 40	P 30.5	1.6	13
Beck Oly direct/homogeneous & Beck Olym AU 400/600/5400	3	9 - 17	P 13.3	1.0	25 - 46	P 35.4	1.8	65 - 120	P 92.2	4.3	5 - 9	P 6.9	0.8	19 - 34	P 26.5	1.4	22
Beck Oly direct/homogeneous & Beckman AU 480	4	10 - 18	P 14.2	1.2	26 - 48	P 36.6	1.5	67 - 125	P 96.1	4.7	5 - 10	P 7.4	0.9	19 - 36	P 27.8	1.3	16
Ortho Vitros dHDL & Ortho Vitros 3600, 5600	5	12 - 22	P 17.3	0.8	51 - 95	P 73.2	4.0	85 - 157	P 121.0	10.2	6 - 11	P 8.5	0.6	34 - 63	P 48.3	2.8	13
Ortho Vitros dHDL & Ortho Vitros not DT or ECI	6	12 - 23	P 17.6	0.9	53 - 98	P 75.1	4.0	103 - 191	P 147.2	5.5	6 - 11	P 8.3	0.4	34 - 63	P 48.4	2.5	19
Roche HDL-C & Roche e/c, 1XX, X000, Elec series	7	16 - 29	P 22.5	9.3	40 - 75	P 57.7	22.9	91 - 168	P 129.6	42.4	8 - 15	P 11.7	4.2	31 - 58	P 44.9	18.3	11
Siem Dimens AHDL, Lot DF48B & Siemens Dimension EXL	8	20 - 36	P 28.0	1.2	45 - 83	P 64.0	2.9	95 - 177	P 136.0	7.1	12 - 22	P 16.7	0.9	36 - 67	P 51.2	2.3	25
Siemens Dimension Flex & Siemens Dimension EXL	9	20 - 37	P 28.5	1.5	46 - 85	P 65.5	3.7	97 - 180	P 138.6	6.4	12 - 22	P 16.7	1.0	36 - 67	P 51.9	2.9	30
Siemens Dimension Flex & Siemens Dimension Xpand	10	20 - 37	P 28.3	1.4	45 - 84	P 64.9	4.9	96 - 177	P 136.5	6.9	12 - 22	P 16.9	1.0	36 - 66	P 51.0	3.9	10
Initial Grouping by Reagent																	
Abbott	11	10 - 18	P 14.0	1.5	25 - 47	P 36.2	3.2	64 - 119	P 91.4	3.0	5 - 10	P 7.4	2.4	19 - 36	P 27.4	2.5	17
Alfa Wassermann	12	12 - 22	P 16.8	1.2	28 - 53	P 40.4	2.0	63 - 116	P 89.3	5.1	7 - 13	P 9.7	1.3	21 - 40	P 30.5	1.6	13
Beck Oly direct/homogeneous	13	10 - 18	P 13.7	1.2	25 - 47	P 36.0	1.8	66 - 122	P 93.9	4.8	5 - 9	P 7.1	0.9	19 - 35	P 27.1	1.5	39
Beckman direct detergent	14	10 - 18	P 14.0	1.1	26 - 48	P 36.9	2.2	68 - 126	P 97.1	6.3	5 - 10	P 7.4	0.7	20 - 36	P 27.9	1.7	14
Carolina	15	11 - 20	P 15.1	0.9	28 - 51	P 39.3	1.8	72 - 133	P 102.5	9.7	5 - 10	P 7.8	0.8	21 - 39	P 29.7	1.7	14
Ortho Vitros dHDL	16	12 - 23	P 17.4	0.9	52 - 97	P 74.3	4.0	95 - 176	P 135.3	14.9	6 - 11	P 8.3	0.6	34 - 63	P 48.6	2.5	38
Roche 4th Gen	17	2 - 4	P 3.0	0.0	7 - 14	P 10.4	0.8	35 - 65	P 50.1	3.6	2 - 4	P 3.0	0.0	5 - 10	P 7.4	0.5	12
Roche HDL-C	18	18 - 33	P 25.3	7.8	45 - 84	P 64.3	19.1	96 - 179	P 137.6	42.5	9 - 17	P 13.1	3.6	35 - 65	P 50.2	15.3	19
Siem Dimens AHDL, Lot DF48B	19	20 - 37	P 28.1	1.4	45 - 83	P 64.2	3.3	97 - 180	P 138.3	13.0	12 - 22	P 16.7	1.0	36 - 67	P 51.3	2.7	40
Siemens Dimension Flex	20	20 - 37	P 28.5	1.4	46 - 85	P 65.4	4.0	97 - 179	P 138.0	6.5	12 - 22	P 16.8	1.0	36 - 67	P 51.8	3.2	41
Sterling Diagnostic	21	15 - 29	P 22.1	3.5	29 - 54	P 41.6	3.0	77 - 142	P 109.6	8.0	10 - 19	P 14.4	2.6	25 - 46	P 35.6	4.2	14
Initial Grouping by Sensitivity or Principle																	
Standardized methods	22	12 - 22	P 16.9	6.5	30 - 57	P 43.5	16.3	71 - 132	P 101.8	27.1	6 - 12	P 8.9	3.3	23 - 43	P 33.4	13.5	161
Polyethylene glycol (PEG)	23	13 - 24	P 18.6	5.5	27 - 49	P 38.0	5.7	71 - 132	P 101.2	13.3	8 - 15	P 11.7	4.1	22 - 41	P 31.3	6.7	23
Other complexometric	24	12 - 22	P 17.3	1.0	51 - 95	P 73.3	7.0	94 - 174	P 133.8	17.3	6 - 11	P 8.3	0.6	34 - 62	P 48.0	4.1	39
PTA/no magnesium	25	19 - 35	P 27.0	4.4	44 - 81	P 62.2	9.0	93 - 174	P 133.5	18.2	11 - 21	P 15.9	3.0	35 - 64	P 49.3	7.7	90
Roche Direct	26	2 - 4	P 3.0	0.0	7 - 14	P 10.4	0.8	35 - 65	P 50.1	3.6	2 - 4	P 3.0	0.0	5 - 10	P 7.4	0.5	12
Total Population																	
Whole Population	27	14 - 25	P 19.4	7.7	36 - 66	P 50.8	19.2	79 - 147	P 112.8	30.7	8 - 14	P 10.8	4.6	27 - 50	P 38.5	14.8	329
LDL Cholesterol																	
Initial Grouping by Reagent and Instrument																	

Beckman Olympus & Beck Olym AU 400/600/5400	1	0 - 27	C 12.2	0.9	22 - 52	C 37.4	1.7	50 - 80	C 64.7	11.2	0 - 21	C 6.4	0.6	9 - 39	C 24.3	1.7	12
Siemens ALDL & Siemens Dimension EXL	2	3 - 33	C 18.0	1.4	37 - 67	C 51.9	3.4	71 - 106	P 88.6	5.5	0 - 24	C 9.1	1.0	20 - 50	C 35.3	1.9	25
Initial Grouping by Reagent																	
Beckman Olympus	3	0 - 27	C 11.9	0.8	22 - 52	C 36.5	2.0	49 - 79	C 64.3	9.1	0 - 21	C 6.3	0.7	9 - 39	C 23.6	1.7	19
Roche LDL 2nd, 3rd Generation	4	16 - 46	C 31.2	1.7	69 - 104	P 86.3	4.3	115 - 173	P 143.9	7.8	1 - 31	C 15.5	0.8	48 - 78	C 62.6	3.6	17
Siemens ALDL	5	3 - 33	C 18.0	1.3	37 - 67	C 52.0	3.3	71 - 107	P 89.1	5.5	0 - 24	C 9.1	1.0	21 - 51	C 35.5	1.9	29
Initial Grouping by Sensitivity or Principle																	
Standardized methods	6	2 - 32	C 16.9	4.5	31 - 61	C 46.2	9.1	65 - 97	P 81.0	16.6	0 - 24	C 8.8	3.0	17 - 47	C 32.3	7.0	96
Roche 2nd and 3rd Gen	7	16 - 46	C 31.2	1.7	69 - 104	P 86.3	4.3	115 - 173	P 143.9	7.8	1 - 31	C 15.5	0.8	48 - 78	C 62.6	3.6	17
Total Population																	
Whole Population	8	4 - 34	C 19.4	6.6	38 - 68	C 53.2	16.7	74 - 111	P 92.4	28.0	0 - 25	C 10.0	3.7	22 - 52	C 37.3	12.5	122

Lipoprotein (a)

Total Population																	
Whole Population	1	4 - 8	C 5.6	1.8	9 - 17	P 13.2	4.2	14 - 26	P 20.2	1.5	1 - 5	C 2.7	0.6	7 - 13	P 9.9	2.9	15