



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 Reagent																	
Beckman Olympus	1	62 - 115	P 88.3	15.0	72 - 134	P 102.7	2.5	0 - 39	C 14.3	3.1	7 - 57	C 31.8	9.3	97 - 180	P 138.3	3.7	5
Initial Grouping by Sensitivity or Principle																	
Spectrophotometric	2	50 - 100	C 74.5	14.8	62 - 116	P 89.2	10.9	0 - 41	C 15.8	3.3	6 - 56	C 31.4	6.0	90 - 166	P 128.0	13.5	11
Total Population																	
Whole Population	3	46 - 96	C 70.6	23.9	66 - 122	P 93.6	22.7	0 - 45	C 20.2	8.2	10 - 60	C 35.0	9.9	92 - 170	P 131.1	33.8	13
Apolipoprotein B																	
Initial Grouping by Reagent																	
Beckman Olympus	1	22 - 62	C 42.4	2.9	35 - 75	C 55.0	7.7	0 - 33	C 13.3	0.8	2 - 42	C 21.8	2.2	69 - 116	P 92.6	13.2	5
Kamiya Biomedical	2	21 - 61	C 41.0	1.2	32 - 72	C 52.3	1.5	0 - 30	C 9.5	1.5	0 - 37	C 16.8	1.9	69 - 116	P 92.5	7.4	4
Initial Grouping by Sensitivity or Principle																	
Spectrophotometric	3	21 - 61	C 40.5	2.9	33 - 73	C 53.0	5.0	0 - 31	C 10.8	2.2	0 - 39	C 18.5	3.2	69 - 115	P 91.6	9.2	14
Total Population																	
Whole Population	4	21 - 61	C 40.5	2.9	33 - 73	C 52.8	4.6	0 - 33	C 12.9	7.4	0 - 39	C 19.4	6.0	69 - 115	P 92.1	8.9	17
HDL Cholesterol																	
Initial Grouping by Reagent and Instrument																	
Abbott & Abbott Architect c, ci, i	1	15 - 28	P 21.6	1.5	19 - 36	P 27.5	1.6	5 - 9	P 6.9	1.1	7 - 14	P 10.7	1.1	31 - 57	P 43.7	1.8	22
Alfa Wassermann & Alfa Wasser Axel/Alera	2	18 - 33	P 25.6	1.2	22 - 41	P 31.2	1.3	6 - 11	P 8.7	0.7	9 - 17	P 13.0	1.0	34 - 63	P 48.5	2.0	17
Beck Oly direct/homogeneous & Beck Olym AU 400/600/5400	3	14 - 26	P 20.3	1.3	18 - 34	P 26.2	1.8	4 - 7	P 5.3	0.6	6 - 12	P 9.1	0.8	30 - 56	P 42.9	2.3	29
Beck Oly direct/homogeneous & Beckman AU 480	4	14 - 26	P 19.9	1.3	18 - 34	P 26.3	1.6	4 - 7	P 5.4	1.2	6 - 12	P 8.9	1.2	30 - 55	P 42.4	2.1	13
Beckman Coulter DXC & Beck Coult Unicel DXC	5	14 - 26	P 20.3	0.7	18 - 34	P 26.0	0.8	4 - 7	P 5.6	0.5	6 - 12	P 9.1	0.6	30 - 56	P 43.2	1.7	13
Beckman direct detergent & Beck Coult Unicel DXC	6	14 - 26	P 20.3	0.7	19 - 34	P 26.5	0.8	4 - 7	P 5.5	0.8	6 - 12	P 9.0	0.6	30 - 55	P 42.2	5.6	6
Carolina & Beck Olym AU 400/600/5400	7	17 - 31	P 23.6	2.0	21 - 39	P 29.8	2.9	5 - 10	P 7.8	1.8	7 - 13	P 10.0	1.4	34 - 63	P 48.2	4.7	5
Carolina & Beckman Synchron CX3/7/9/L	8	16 - 30	P 22.7	2.8	21 - 38	P 29.6	3.6	4 - 8	P 5.9	1.1	7 - 13	P 10.3	1.5	35 - 65	P 50.3	6.4	7
Horiba ABX & Horiba ABX 400	9	15 - 28	P 21.8	1.9	19 - 36	P 27.5	2.2	4 - 8	P 5.8	0.4	7 - 13	P 9.8	1.1	32 - 60	P 45.8	3.3	4
Ortho Vitros dHDL & Ortho Vitros 3600, 5600	10	14 - 26	P 19.7	1.2	20 - 37	P 28.1	0.7	4 - 8	P 6.0	0.5	6 - 12	P 9.0	0.0	39 - 73	P 56.4	2.0	9
Ortho Vitros dHDL & Ortho Vitros 5,1 FS	11	12 - 22	P 17.0	7.6	21 - 38	P 29.3	1.9	6 - 11	P 8.5	3.8	8 - 14	P 11.0	2.4	41 - 76	P 58.8	0.8	4
Ortho Vitros dHDL & Ortho Vitros not DT or ECi	12	14 - 25	P 19.4	1.7	20 - 37	P 28.2	1.9	4 - 8	P 6.2	0.6	6 - 12	P 9.1	0.5	38 - 71	P 54.9	3.0	23
Pointe Sci PEG-based & Other spectrophotometers	13	11 - 21	P 16.4	2.1	16 - 30	P 23.2	2.3	4 - 8	P 6.2	1.3	6 - 11	P 8.2	1.2	25 - 47	P 36.2	3.2	5
Pointe Sci PEG-based & Pointe Sci 180/Steril 2000	14	11 - 21	P 16.3	1.6	15 - 28	P 21.8	1.1	5 - 9	P 6.6	2.2	6 - 11	P 8.1	1.5	25 - 46	P 35.0	1.9	9
Poly CardioChek Lipid Panel & Polymer Tech CardioChek	15	23 - 43	P 33.0	8.0	22 - 40	P 31.0	0.0	11 - 21	P 16.0	1.0	11 - 20	P 15.0	0.0	40 - 74	P 57.0	0.0	4
Roche Cobas HDL Direct & Roche e/c, 1XX, X000, Elec series	16	13 - 24	P 18.3	0.4	16 - 30	P 23.3	0.4	4 - 7	P 5.0	0.0	6 - 11	P 8.5	0.5	24 - 45	P 34.5	0.5	4
Roche HDL-C plus, 3rd gen & Roche Cobas 6000	17	13 - 24	P 18.4	1.0	16 - 30	P 23.0	1.4	4 - 7	P 5.4	0.5	6 - 11	P 8.8	0.7	24 - 44	P 34.0	3.3	5
Roche HDL-C plus, 3rd gen & Roche Cobas Integra	18	13 - 24	P 18.5	0.7	16 - 31	P 23.5	0.9	4 - 7	P 5.6	0.6	6 - 12	P 9.1	0.5	24 - 45	P 34.9	1.4	11
Roche HDL-C plus, 3rd gen & Roche e/c, 1XX, X000, Elec series	19	13 - 24	P 18.7	1.5	17 - 31	P 23.8	1.9	4 - 8	P 5.8	0.8	6 - 12	P 8.9	0.8	25 - 46	P 35.4	2.7	18
SDI Biomed & SDI CA-240, 480	20	17 - 32	P 24.8	0.8	21 - 39	P 30.1	1.2	7 - 12	P 9.6	1.3	9 - 17	P 12.8	1.1	35 - 66	P 50.6	1.2	8
Sekisui Direct & Beck Olym AU 400/600/5400	21	15 - 28	P 21.5	1.8	19 - 36	P 27.5	2.5	4 - 8	P 6.3	0.8	7 - 12	P 9.5	0.9	32 - 59	P 45.0	4.4	4
Siem Dimens AHDL, Lot DF48B & Siemens Dim RxL, RxL Max	22	16 - 29	P 22.3	0.8	19 - 36	P 27.7	0.9	7 - 14	P 10.4	0.5	9 - 17	P 13.0	0.7	28 - 52	P 40.0	1.4	8
Siem Dimens AHDL, Lot DF48B & Siemens Dimension EXL	23	15 - 27	P 21.1	1.9	18 - 34	P 26.2	2.0	7 - 12	P 9.3	1.4	8 - 16	P 12.1	1.5	27 - 50	P 38.3	2.3	23
Siem Dimens AHDL, Lot DF48B & Siemens Dimension Xpand	24	15 - 28	P 21.9	0.6	19 - 35	P 26.8	1.4	7 - 12	P 9.4	0.6	9 - 17	P 12.8	1.1	27 - 51	P 38.9	1.8	13
Siemens Advia & Siemens Advia	25	10 - 19	P 14.6	1.2	13 - 24	P 18.4	1.4	4 - 8	P 6.0	4.6	5 - 10	P 7.8	3.7	22 - 40	P 31.0	1.3	5

SDI Biomed	20	21 - 51	C 35.8	7.2	32 - 62	C 47.3	7.3	0 - 28	C 12.5	3.0	3 - 33	C 17.5	2.3	64 - 96	P 80.3	10.4	4
Sekisui Direct	21	6 - 36	C 20.5	3.4	13 - 43	C 28.3	3.6	0 - 23	C 7.8	1.3	0 - 25	C 10.3	0.4	34 - 64	C 48.8	5.6	4
Siemens ALDL	22	12 - 42	C 27.3	2.1	21 - 51	C 36.1	3.2	0 - 23	C 7.8	1.0	0 - 27	C 12.4	1.2	46 - 76	C 60.6	5.1	34
Initial Grouping bySensitivity or Principle																	
LDL complexation rgts	23	12 - 42	C 27.3	5.5	20 - 50	C 35.0	7.4	0 - 23	C 8.0	2.2	0 - 27	C 12.3	2.6	43 - 73	C 58.1	15.3	69
Complexometric low recovery	24	4 - 34	C 19.4	5.7	11 - 41	C 26.4	7.8	0 - 22	C 6.6	2.3	0 - 24	C 9.4	2.8	30 - 60	C 44.6	13.5	47
All other methods	25	6 - 36	C 21.1	9.0	12 - 42	C 26.5	10.7	0 - 22	C 6.8	4.7	0 - 25	C 9.8	4.5	40 - 70	C 55.1	13.2	8
Complexometric high recovery	26	33 - 63	C 48.1	2.8	50 - 80	C 64.5	4.2	0 - 27	C 12.3	0.6	6 - 36	C 20.5	1.1	90 - 135	P 112.4	7.0	18
Total Population																	
Whole Population	27	12 - 42	C 27.4	11.3	20 - 50	C 35.4	13.8	0 - 24	C 8.9	5.2	0 - 28	C 12.9	5.5	46 - 76	C 60.6	24.6	146

Lipoprotein (a)

Initial Grouping byReagent

Kamiya Biomedical	1	3 - 5	P 3.6	1.2	3 - 6	P 4.4	1.4	1 - 3	C 1.5	0.5	2 - 4	C 2.8	1.9	5 - 10	P 7.8	3.1	5
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Initial Grouping bySensitivity or Principle

Spectrophotometric	2	3 - 5	P 4.1	1.2	4 - 7	P 5.0	1.4	1 - 3	C 1.8	0.4	2 - 4	C 2.9	1.8	6 - 11	P 8.6	2.6	8
Immunoturbidimetric	3	3 - 5	P 4.0	0.8	4 - 8	P 6.0	1.2	0 - 2	C 1.3	0.5	2 - 4	C 3.3	2.8	6 - 11	P 8.8	0.8	4

Total Population

Whole Population	4	3 - 6	P 4.3	1.4	4 - 7	P 5.3	1.4	1 - 3	C 2.4	2.1	2 - 4	C 2.7	2.0	6 - 11	P 8.2	2.6	16
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