



HEMATOLOGY

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		
Leukocytes																						
Initial Grouping by Method																						
Abbott Cell-Dyn 1700/2000	1	8.2 - 11.0	P 9.61	0.28	2.7 - 3.7	P 3.18	0.13		14.1 - 19.1	P 16.61	0.71		14.0 - 18.9	P 16.44	0.65		2.8 - 3.7	P 3.25	0.12	12		
Coulter Ac*T diff	2	8.0 - 10.9	P 9.46	0.28	2.7 - 3.6	P 3.16	0.08		14.1 - 19.0	P 16.54	0.54		14.1 - 19.1	P 16.59	0.43		2.7 - 3.7	P 3.18	0.09	11		
Horiba ABX Micros	3	7.9 - 10.7	P 9.31	0.29	2.5 - 3.4	P 2.98	0.08		13.9 - 18.8	P 16.39	0.58		14.0 - 18.9	P 16.46	0.59		2.5 - 3.4	P 2.99	0.09	10		
Initial Grouping by Sensitivity or Principle																						
Abbott Cell-Dyn other impeded	4	8.1 - 10.9	P 9.47	0.32	2.7 - 3.7	P 3.18	0.14		13.9 - 18.8	P 16.34	0.92		13.9 - 18.9	P 16.40	0.60		2.8 - 3.7	P 3.24	0.15	23		
Coulter/Nova impedance only	5	8.1 - 10.9	P 9.50	0.33	2.7 - 3.6	P 3.16	0.12		14.1 - 19.1	P 16.57	0.52		14.2 - 19.1	P 16.65	0.50		2.7 - 3.7	P 3.19	0.12	38		
Hor ABX 3 part non 8-9000	6	8.0 - 10.8	P 9.37	0.31	2.5 - 3.4	P 2.99	0.10		14.0 - 18.9	P 16.46	0.57		14.0 - 19.0	P 16.51	0.57		2.5 - 3.4	P 2.99	0.10	16		
Total Population																						
Whole Population	7	8.0 - 10.9	P 9.46	0.38	2.6 - 3.6	P 3.11	0.14		14.0 - 19.0	P 16.48	0.69		14.1 - 19.0	P 16.54	0.59		2.7 - 3.6	P 3.14	0.16	104		
Erythrocytes																						
Initial Grouping by Method																						
Abbott Cell-Dyn 1700/2000	1	4.44 - 5.0	P 4.719	0.098	2.02 - 2.27	P 2.145	0.055		5.23 - 5.9	P 5.562	0.115		5.24 - 5.91	P 5.579	0.131		2.01 - 2.26	P 2.135	0.068	12		
Coulter Ac*T diff	2	4.27 - 4.81	P 4.539	0.149	1.92 - 2.16	P 2.042	0.065		5.07 - 5.71	P 5.391	0.180		5.05 - 5.69	P 5.372	0.140		1.9 - 2.14	P 2.022	0.077	11		
Horiba ABX Micros	3	4.36 - 4.92	P 4.638	0.082	1.91 - 2.16	P 2.034	0.035		5.18 - 5.84	P 5.510	0.082		5.18 - 5.84	P 5.509	0.076		1.9 - 2.14	P 2.023	0.041	10		
Initial Grouping by Sensitivity or Principle																						
Abbott Cell-Dyn other impeded	4	4.42 - 4.98	P 4.700	0.098	2.04 - 2.3	P 2.173	0.068		5.17 - 5.83	P 5.503	0.241		5.21 - 5.88	P 5.544	0.138		2.04 - 2.29	P 2.165	0.076	23		
Coulter/Nova impedance only	5	4.25 - 4.8	P 4.526	0.136	1.91 - 2.16	P 2.033	0.054		5.04 - 5.69	P 5.364	0.135		5.04 - 5.69	P 5.364	0.144		1.91 - 2.15	P 2.028	0.055	36		
Hor ABX 3 part non 8-9000	6	4.37 - 4.93	P 4.648	0.078	1.95 - 2.19	P 2.070	0.057		5.19 - 5.86	P 5.524	0.078		5.19 - 5.85	P 5.523	0.067		1.94 - 2.19	P 2.064	0.064	16		
Total Population																						
Whole Population	7	4.34 - 4.89	P 4.616	0.140	1.96 - 2.21	P 2.089	0.077		5.12 - 5.78	P 5.451	0.170		5.14 - 5.79	P 5.463	0.146		1.96 - 2.21	P 2.083	0.080	100		
Hemoglobin																						
Initial Grouping by Method																						
Abbott Cell-Dyn 1700/2000	1	13.0 - 15.0	P 14.02	0.15	5.8 - 6.7	P 6.25	0.16		15.5 - 17.8	P 16.68	0.19		15.5 - 17.8	P 16.68	0.22		5.8 - 6.7	P 6.27	0.17	12		
Coulter Ac*T diff	2	12.8 - 14.8	P 13.81	0.30	5.7 - 6.6	P 6.14	0.14		15.3 - 17.6	P 16.46	0.31		15.3 - 17.6	P 16.45	0.24		5.7 - 6.6	P 6.13	0.13	11		
HemoCue Hb 201+	3	12.8 - 14.7	P 13.77	0.34	5.8 - 6.7	P 6.26	0.11		15.1 - 17.4	P 16.23	0.38		15.1 - 17.4	P 16.22	0.35		5.8 - 6.7	P 6.26	0.11	38		
Horiba ABX Micros	4	12.8 - 14.7	P 13.72	0.26	5.7 - 6.6	P 6.17	0.09		15.1 - 17.3	P 16.20	0.23		15.1 - 17.4	P 16.25	0.29		5.8 - 6.6	P 6.19	0.06	10		

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		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		
Initial Grouping by Sensitivity or Principle																						
Abbott Cell-Dyn other impeded	5	13.0 - 14.9	P	13.95	0.22	5.8 - 6.7	P	6.26	0.18	15.5 - 17.8	P	16.62	0.63	15.5 - 17.9	P	16.69	0.28	5.8 - 6.7	P	6.28	0.19	24
Coulter/Nova impedance only	6	12.8 - 14.8	P	13.80	0.30	5.7 - 6.6	P	6.17	0.17	15.2 - 17.5	P	16.39	0.33	15.3 - 17.6	P	16.42	0.30	5.8 - 6.6	P	6.18	0.15	38
Hor ABX 3 part non 8-9000	7	12.8 - 14.7	P	13.76	0.26	5.7 - 6.6	P	6.18	0.10	15.2 - 17.5	P	16.36	0.32	15.2 - 17.5	P	16.36	0.28	5.7 - 6.6	P	6.17	0.13	16
Nonstd metHb-neg biased	8	12.8 - 14.7	P	13.72	0.71	5.8 - 6.7	P	6.29	0.18	15.0 - 17.3	P	16.18	0.82	15.1 - 17.4	P	16.23	0.72	5.9 - 6.8	P	6.32	0.21	62
Total Population																						
Whole Population	9	12.8 - 14.8	P	13.81	0.52	5.8 - 6.7	P	6.24	0.19	15.3 - 17.6	P	16.42	0.47	15.3 - 17.6	P	16.41	0.54	5.8 - 6.7	P	6.25	0.21	174

Hematocrit																						
Initial Grouping by Method																						
Abbott Cell-Dyn 1700/2000	1	38.4 - 43.3	P	40.87	0.99	18.1 - 20.4	P	19.23	0.57	45.3 - 51.1	P	48.18	1.49	45.4 - 51.2	P	48.32	1.60	18.1 - 20.4	P	19.22	0.72	12
Coulter Ac*T diff	2	37.1 - 41.8	P	39.42	1.22	17.3 - 19.5	P	18.41	0.57	43.9 - 49.5	P	46.71	1.50	43.4 - 48.9	P	46.17	0.76	17.2 - 19.4	P	18.26	0.61	11
Horiba ABX Micros	3	37.2 - 42.0	P	39.61	0.78	17.0 - 19.2	P	18.08	0.40	44.1 - 49.7	P	46.93	0.93	44.3 - 50.0	P	47.18	0.46	16.9 - 19.0	P	17.95	0.46	10
Manual (Spun) Hematocrit	4	33.7 - 38.0	P	35.85	1.29	15.6 - 17.5	P	16.55	0.55	39.7 - 44.7	P	42.20	1.40	39.8 - 44.8	P	42.30	1.42	15.3 - 17.3	P	16.30	0.92	10
STI HemataSTAT series	5	33.2 - 37.4	P	35.28	1.01	15.6 - 17.6	P	16.64	0.82	38.8 - 43.7	P	41.26	0.88	38.8 - 43.7	P	41.26	1.08	15.7 - 17.7	P	16.68	0.75	20
Initial Grouping by Sensitivity or Principle																						
Abbott Cell-Dyn other impeded	6	38.4 - 43.2	P	40.80	0.97	18.3 - 20.6	P	19.42	0.66	44.9 - 50.6	P	47.72	2.22	45.2 - 51.0	P	48.07	1.48	18.3 - 20.6	P	19.47	0.78	24
Coulter/Nova impedance only	7	37.0 - 41.8	P	39.41	1.27	17.2 - 19.4	P	18.31	0.51	43.8 - 49.4	P	46.64	1.21	43.8 - 49.3	P	46.55	1.09	17.2 - 19.4	P	18.29	0.51	36
Hor ABX 3 part non 8-9000	8	36.9 - 41.6	P	39.22	1.00	17.3 - 19.5	P	18.40	0.90	43.7 - 49.3	P	46.51	1.11	43.9 - 49.5	P	46.69	0.88	17.2 - 19.4	P	18.33	0.98	16
All non-cell counter-meth	9	33.3 - 37.6	P	35.47	1.12	15.6 - 17.6	P	16.61	0.73	39.1 - 44.1	P	41.57	1.15	39.1 - 44.1	P	41.61	1.28	15.6 - 17.5	P	16.55	0.81	30
Total Population																						
Whole Population	10	36.4 - 41.0	P	38.67	2.44	17.1 - 19.3	P	18.20	1.17	42.8 - 48.3	P	45.58	2.96	42.9 - 48.4	P	45.62	2.89	17.1 - 19.3	P	18.18	1.23	136

Platelets																						
Initial Grouping by Method																						
Abbott Cell-Dyn 1700/2000	1	196.0 - 327.0	P	261.8	16.0	37.0 - 62.0	P	49.2	3.4	301.0 - 502.0	P	401.8	14.8	302.0 - 504.0	P	403.0	23.8	36.0 - 61.0	P	48.5	3.9	12
Coulter Ac*T diff	2	176.0 - 293.0	P	234.3	12.5	36.0 - 61.0	P	48.6	2.6	274.0 - 458.0	P	366.0	19.3	273.0 - 455.0	P	364.3	14.4	38.0 - 62.0	P	50.0	3.2	11
Horiba ABX Micros	3	196.0 - 326.0	P	261.1	6.7	42.0 - 70.0	P	55.8	3.6	284.0 - 473.0	P	378.2	11.1	286.0 - 476.0	P	380.7	8.0	42.0 - 71.0	P	56.6	3.8	10
Initial Grouping by Sensitivity or Principle																						
Abbott Cell-Dyn other impeded	4	196.0 - 327.0	P	261.6	15.4	38.0 - 63.0	P	50.3	3.5	300.0 - 500.0	P	399.7	29.1	302.0 - 503.0	P	402.5	28.3	39.0 - 64.0	P	51.6	5.0	23
Coulter/Nova impedance only	5	178.0 - 297.0	P	237.5	16.3	37.0 - 61.0	P	49.2	3.3	273.0 - 454.0	P	363.5	20.9	275.0 - 459.0	P	367.0	21.1	38.0 - 63.0	P	50.6	4.5	37
Hor ABX 3 part non 8-9000	6	188.0 - 314.0	P	250.8	14.4	38.0 - 63.0	P	50.4	7.6	283.0 - 471.0	P	376.8	14.3	282.0 - 470.0	P	376.3	14.2	39.0 - 65.0	P	51.7	7.6	20
Total Population																						
Whole Population	7	186.0 - 310.0	P	247.6	19.3	37.0 - 62.0	P	49.5	5.0	283.0 - 472.0	P	377.9	28.2	285.0 - 474.0	P	379.5	28.7	38.0 - 63.0	P	50.6	5.6	102

