



## 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		
<b>Leukocytes</b>																						
<b>Initial Grouping by Method</b>																						
Abbott Cell-Dyn 1700/2000	1	21.3 - 28.9	P 25.09	1.65	7.6 - 10.2	P 8.90	0.46		5.1 - 6.9	P 6.04	0.28		7.6 - 10.3	P 8.98	0.46		5.1 - 6.9	P 5.99	0.30	13		
Coulter Ac*T diff	2	21.8 - 29.5	P 25.63	0.60	7.8 - 10.5	P 9.17	0.20		5.3 - 7.1	P 6.18	0.15		7.7 - 10.4	P 9.07	0.24		5.3 - 7.1	P 6.19	0.13	13		
<b>Initial Grouping by Sensitivity or Principle</b>																						
Abbott Cell-Dyn other impeded	3	21.6 - 29.2	P 25.36	1.32	7.7 - 10.4	P 9.02	0.43		5.2 - 7.0	P 6.08	0.26		7.7 - 10.4	P 9.05	0.41		5.1 - 7.0	P 6.06	0.28	26		
Coulter/Nova impedance only	4	21.9 - 29.7	P 25.81	0.66	7.8 - 10.6	P 9.20	0.21		5.3 - 7.2	P 6.23	0.18		7.8 - 10.5	P 9.13	0.26		5.3 - 7.2	P 6.24	0.23	38		
Hor ABX 3 part non 8-9000	5	21.6 - 29.3	P 25.47	0.86	7.6 - 10.2	P 8.91	0.24		5.1 - 6.8	P 5.94	0.20		7.6 - 10.2	P 8.89	0.26		5.1 - 6.8	P 5.95	0.18	16		
<b>Total Population</b>																						
Whole Population	6	21.6 - 29.3	P 25.46	1.16	7.7 - 10.4	P 9.07	0.35		5.2 - 7.0	P 6.10	0.32		7.7 - 10.4	P 9.02	0.45		5.2 - 7.0	P 6.12	0.26	111		
<b>Erythrocytes</b>																						
<b>Initial Grouping by Method</b>																						
Abbott Cell-Dyn 1700/2000	1	4.55 - 5.13	P 4.840	0.160	4.42 - 4.99	P 4.703	0.134		4.9 - 5.52	P 5.208	0.190		4.41 - 4.98	P 4.695	0.171		4.88 - 5.5	P 5.192	0.188	13		
Coulter Ac*T diff	2	4.37 - 4.93	P 4.647	0.091	4.25 - 4.8	P 4.526	0.108		4.68 - 5.28	P 4.981	0.089		4.24 - 4.78	P 4.513	0.142		4.7 - 5.3	P 4.996	0.111	13		
<b>Initial Grouping by Sensitivity or Principle</b>																						
Abbott Cell-Dyn other impeded	3	4.54 - 5.12	P 4.833	0.127	4.42 - 4.98	P 4.698	0.111		4.87 - 5.49	P 5.180	0.152		4.42 - 4.98	P 4.700	0.135		4.87 - 5.49	P 5.180	0.146	26		
Coulter/Nova impedance only	4	4.38 - 4.94	P 4.656	0.098	4.25 - 4.79	P 4.523	0.095		4.71 - 5.31	P 5.009	0.118		4.25 - 4.79	P 4.522	0.124		4.71 - 5.31	P 5.006	0.112	36		
Hor ABX 3 part non 8-9000	5	4.48 - 5.05	P 4.762	0.099	4.34 - 4.89	P 4.616	0.078		4.87 - 5.49	P 5.178	0.081		4.33 - 4.89	P 4.609	0.082		4.82 - 5.44	P 5.130	0.071	16		
<b>Total Population</b>																						
Whole Population	6	4.46 - 5.03	P 4.741	0.127	4.34 - 4.9	P 4.619	0.147		4.81 - 5.43	P 5.122	0.212		4.34 - 4.89	P 4.616	0.149		4.8 - 5.41	P 5.106	0.150	105		
<b>Hemoglobin</b>																						
<b>Initial Grouping by Method</b>																						
HemoCue 201+	1	13.1 - 15.0	P 14.06	0.25	12.8 - 14.7	P 13.74	0.18		13.8 - 15.9	P 14.89	0.24		12.7 - 14.7	P 13.70	0.39		14.0 - 16.1	P 15.05	0.30	11		
Abbott Cell-Dyn 1700/2000	2	13.4 - 15.5	P 14.45	0.37	13.0 - 15.0	P 14.02	0.26		14.3 - 16.5	P 15.39	0.36		13.0 - 15.0	P 14.02	0.33		14.3 - 16.4	P 15.32	0.43	13		
Coulter Ac*T diff	3	13.1 - 15.1	P 14.11	0.41	12.8 - 14.7	P 13.72	0.34		13.9 - 16.0	P 14.94	0.32		12.7 - 14.6	P 13.65	0.35		14.0 - 16.1	P 15.02	0.27	13		
HemoCue B-Hemoglobin	4	12.4 - 14.3	P 13.35	2.82	12.9 - 14.9	P 13.88	0.34		14.1 - 16.3	P 15.21	0.43		12.9 - 14.8	P 13.82	0.49		13.9 - 16.0	P 14.98	0.49	11		
HemoCue Hb 201+	5	13.0 - 14.9	P 13.97	0.41	12.7 - 14.6	P 13.63	0.48		14.0 - 16.1	P 15.06	0.46		12.9 - 14.8	P 13.85	0.37		14.0 - 16.2	P 15.10	0.50	39		
<b>Initial Grouping by Sensitivity or Principle</b>																						

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		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		Range & Type	Mean	SD		
Abbott Cell-Dyn other impeded	6	13.5 - 15.5 P	14.48	0.32		13.1 - 15.0 P	14.03	0.28		14.3 - 16.5 P	15.39	0.33		13.1 - 15.1 P	14.07	0.32		14.3 - 16.5 P	15.37	0.40	27	
Coulter/Nova impedance only	7	13.2 - 15.2 P	14.21	0.38		12.9 - 14.8 P	13.84	0.32		14.1 - 16.2 P	15.13	0.32		12.9 - 14.8 P	13.83	0.33		14.1 - 16.2 P	15.14	0.33	38	
Hor ABX 3 part non 8-9000	8	13.3 - 15.3 P	14.26	0.19		12.9 - 14.8 P	13.86	0.22		14.2 - 16.4 P	15.28	0.29		12.9 - 14.8 P	13.82	0.25		14.2 - 16.3 P	15.26	0.24	16	
Nonstd metHb-neg biased	9	12.9 - 14.8 P	13.85	1.23		12.7 - 14.6 P	13.69	0.59		14.0 - 16.2 P	15.10	0.53		12.9 - 14.8 P	13.88	0.44		14.1 - 16.2 P	15.11	0.57	73	
<b>Total Population</b>																						
Whole Population	10	13.2 - 15.2 P	14.19	0.71		12.9 - 14.8 P	13.86	0.67		14.2 - 16.3 P	15.24	0.77		12.9 - 14.9 P	13.92	0.61		14.2 - 16.3 P	15.22	0.71	192	

## Hematocrit

### Initial Grouping by Method

Abbott Cell-Dyn 1700/2000	1	39.5 - 44.5 P	42.00	1.35		38.3 - 43.1 P	40.70	1.49		42.3 - 47.7 P	44.98	2.06		38.1 - 43.0 P	40.56	1.80		42.1 - 47.5 P	44.82	2.09	13
Coulter Ac*T diff	2	37.9 - 42.8 P	40.37	0.82		37.1 - 41.9 P	39.48	0.97		40.6 - 45.8 P	43.20	0.88		36.9 - 41.6 P	39.27	1.25		40.5 - 45.7 P	43.12	0.92	13
Manual (Spun) Hematocrit	3	32.5 - 36.6 P	34.54	0.78		32.2 - 36.3 P	34.28	1.30		35.7 - 40.2 P	37.93	0.53		31.7 - 35.8 P	33.76	0.78		35.3 - 39.9 P	37.60	0.84	28
STI HemataSTAT series	4	33.3 - 37.5 P	35.41	1.02		32.3 - 36.4 P	34.38	0.99		35.3 - 39.8 P	37.52	0.97		32.2 - 36.3 P	34.24	0.82		35.4 - 39.9 P	37.65	0.67	20

### Initial Grouping by Sensitivity or Principle

Abbott Cell-Dyn other impeded	5	39.5 - 44.5 P	41.98	1.07		38.4 - 43.3 P	40.87	1.19		42.2 - 47.6 P	44.93	1.49		38.3 - 43.2 P	40.79	1.36		42.2 - 47.6 P	44.94	1.49	27
Coulter/Nova impedance only	6	38.0 - 42.8 P	40.39	1.07		37.0 - 41.7 P	39.37	0.92		40.7 - 45.9 P	43.34	1.15		36.9 - 41.6 P	39.29	1.13		40.6 - 45.8 P	43.22	1.06	36
Hor ABX 3 part non 8-9000	7	37.5 - 42.3 P	39.88	1.05		36.6 - 41.3 P	38.99	1.02		40.6 - 45.8 P	43.21	1.30		36.4 - 41.1 P	38.76	1.11		40.4 - 45.6 P	42.99	1.12	16
All non-cell counter-meth	8	32.8 - 37.0 P	34.91	0.98		32.3 - 36.4 P	34.32	1.17		35.5 - 40.0 P	37.76	0.77		31.9 - 36.0 P	33.96	0.82		35.4 - 39.9 P	37.62	0.76	48

### Total Population

Whole Population	9	36.5 - 41.1 P	38.78	3.02		35.7 - 40.3 P	38.02	2.94		39.2 - 44.3 P	41.75	3.14		35.6 - 40.1 P	37.83	2.98		39.2 - 44.2 P	41.74	3.20	158
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## Platelets

### Initial Grouping by Method

Abbott Cell-Dyn 1700/2000	1	146.0 - 244.0 P	195.3	19.7		179.0 - 299.0 P	238.8	17.4		60.0 - 101.0 P	80.6	8.0		178.0 - 297.0 P	237.5	19.7		62.0 - 103.0 P	82.1	9.2	13
Coulter Ac*T diff	2	135.0 - 225.0 P	180.1	8.9		170.0 - 283.0 P	226.6	15.8		53.0 - 88.0 P	70.4	6.9		168.0 - 279.0 P	223.5	15.7		56.0 - 93.0 P	74.4	6.8	13

### Initial Grouping by Sensitivity or Principle

Abbott Cell-Dyn other impeded	3	150.0 - 251.0 P	200.7	17.3		184.0 - 306.0 P	244.9	16.1		62.0 - 103.0 P	82.3	7.1		183.0 - 305.0 P	243.8	16.8		63.0 - 104.0 P	83.4	7.9	26
Coulter/Nova impedance only	4	135.0 - 225.0 P	180.2	11.2		170.0 - 283.0 P	226.5	13.6		55.0 - 91.0 P	73.2	7.3		170.0 - 283.0 P	226.1	15.6		57.0 - 95.0 P	75.9	12.8	37
Hor ABX 3 part non 8-9000	5	148.0 - 247.0 P	197.4	12.5		177.0 - 294.0 P	235.6	14.7		59.0 - 98.0 P	78.7	7.8		176.0 - 294.0 P	235.0	13.8		58.0 - 97.0 P	77.4	7.3	20

### Total Population

Whole Population	6	143.0 - 238.0 P	190.4	16.7		175.0 - 292.0 P	233.8	17.1		58.0 - 97.0 P	77.5	8.6		175.0 - 292.0 P	233.6	17.7		58.0 - 97.0 P	77.8	9.0	107
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