

Hematology – Complete Blood Count Hemogram				
Test	Units	Human		
		Age	Male	Female
White Blood Cell Count	K/mcL	Newborn-29Days	6.5-16.7	6.5-16.7
		1Month – 23Months	7.7-13.7	7.7-13.7
		2Years – 9Years	5.7-10.5	5.7-10.5
		10Years – 17Years	5.2-9.7	5.2-9.7
		18+ Years	3.5-11.5	3.5-11.5
Red Blood Cell Count	M/uL	Newborn – 29Days	3.25-4.62	3.25-4.62
		1Month – 23Months	3.0-4.7	3.0-4.7
		2Years – 9Years	3.75-4.9	3.75-4.9
		10Years – 17Years	4.1-5.4	3.9-5.0
		18+ Years	4.30-6.10	3.80-5.40
Hemoglobin	g/dL	Newborn – 29Days	10.5-18.1	10.5-18.1
		1Month – 23Months	9.5-13.3	9.5-13.3
		2Years – 9Years	11.1-14.5	11.1-14.5
		10Years – 17Years	11.8-15.8	11.3-14.7
		18+ Years	14.0-18.0	12.0-16.0
Hematocrit	%	Newborn – 29Days	30.0-51.4	30.0-51.4
		1Month – 23Months	27.0-38.5	27.0-38.5
		2Years – 9Years	32.9-41.5	32.9-41.5
		10Years – 17Years	34.0-46.0	33.0-42.6
		18+ Years	40.0-54.0	35.0-49.0
Mean Corpuscular Volume	fL	Newborn – 29Days	87.0-106.0	87.0-106.0
		1Month – 23Months	82.0-92.1	82.0-92.1
		2Years – 9Years	75.6-85.2	75.6-85.2
		10Years – 17Years	80.8-87.7	80.8-87.7
		18+ Years	80.0-102.0	80.0-102.0
Mean Corpuscular Hemoglobin	pg	Newborn – 29Days	31.7-36.4	31.7-36.4
		1Month – 23Months	29.8-33.4	29.8-33.4
		2Years – 9Years	26.0-30.7	26.0-30.7
		10Years – 17Years	26.0-30.7	26.0-30.7
		18+ Years	26.0-36.0	26.0-36.0
Mean Corpuscular Hemoglobin Concentration	g/dL	ALL	30.0-37.0	30.0-37.0
Red Cell Distribution Width	%	Newborn – 29Days	15.8-18.2	15.8-18.2
		1Month – 23Months	14.6-17.5	14.2-16.7
		2Years – 9Years	11.5-15.0	11.5-15.0
		10+ Years	10.0-15.5	10.0-15.5
Platelet	K/uL	ALL	150-400	150-400
Mean Platelet Volume	fL	ALL	7.5-12.3	7.5-12.3

Hematology – Complete Blood Count Differential				
Test	Units	Human		
		Age	Male	Female
Neutrophils Absolute Count	K/uL	Newborn – 6Days	4.33-9.11	4.43-11.43
		7Days – 13Days	3.33-9.42	3.18-9.43
		14Days – 29Days	3.33-9.42	3.18-9.43
		1Month – 2Months	1.5-6.0	1.5-6.0
		3Months – 5 Months	1.5-6.0	1.5-6.0
		6Months – 23Months	1.5-6.0	1.5-6.0
		2Years – 5Years	1.8-5.4	1.8-5.4
		6Years – 11Years	1.8-5.4	1.8-5.4
		12Years – 17Years	2.0-5.8	2.0-5.8
		18Years – 98Years	2.0-8.0	2.0-8.0
		98+ Years	2.0-8.0	2.0-8.0
Lymphocytes Absolute Count	K/uL	Newborn – 6Days	1.35-4.09	1.35-4.09
		7Days – 13Days	1.35-4.09	1.35-4.09
		14Days – 29Days	1.35-4.09	1.35-4.09
		1Month – 2Months	2.22-5.63	2.22-5.63
		3Months – 5 Months	2.22-5.63	2.22-5.63
		6Months – 23Months	2.22-5.63	2.22-5.63
		2Years – 5Years	1.33-3.47	1.33-3.47
		6Years – 11Years	1.23-2.69	1.23-2.69
		12Years – 17Years	1.03-2.18	1.03-2.18
		18Years – 98Years	0.6-5.2	0.6-5.2
		98+ Years	0.6-5.2	0.6-5.2
Monocytes Absolute Count	K/uL	Newborn – 6Days	0.52-1.77	0.52-1.77
		7Days – 13Days	0.52-1.77	0.52-1.77
		14Days – 29Days	0.28-1.38	0.28-1.38
		1Month – 2Months	0.28-1.38	0.28-1.38
		3Months – 5 Months	0.28-1.38	0.28-1.38
		6Months – 23Months	0.25-1.15	0.25-1.15
		2Years – 5Years	0.18-0.94	0.18-0.94
		6Years – 11Years	0.18-0.94	0.18-0.94
		12Years – 17Years	0.18-0.94	0.18-0.94
		18Years – 98Years	0.0-0.8	0.0-0.8
		98+ Years	0.0-0.8	0.0-0.8

Hematology – Complete Blood Count Differential				
Test	Units	Human		
		Age	Male	Female
Eosinophils Absolute Count	K/uL	Newborn – 6Days	0.03-0.51	0.03-0.51
		7Days – 13Days	0.03-0.51	0.03-0.51
		14Days – 29Days	0.03-0.51	0.03-0.51
		1Month – 2Months	0.01-0.42	0.01-0.42
		3Months – 5 Months	0.01-0.42	0.01-0.42
		6Months – 5Years	0.01-0.42	0.01-0.42
		6Years – 98Years	0.0-0.4	0.0-0.4
		98+ Years	0.0-0.4	0.0-0.4
Basophils Absolute Count	K/uL	Newborn – 13Days	0.02-0.11	0.02-0.11
		14Days – 2Months	0.01-0.07	0.01-0.07
		3Months – 5Years	0.01-0.07	0.01-0.07
		6Years – 11Years	0.01-0.07	0.01-0.07
		12Years – 17Years	0.01-0.07	0.01-0.07
		18Years – 98Years	0.0-0.2	0.0-0.2
		98+ Years	0.0-0.2	0.0-0.2
Neutrophils Percentage	%	Newborn – 98+ Years	Not established	Not established
Lymphocytes Percentage	%	Newborn – 98+ Years	Not established	Not established
Monocytes Percentage	%	Newborn – 98+ Years	Not established	Not established
Eosinophils Percentage	%	Newborn – 98+ Years	Not established	Not established
Basophils Percentage	%	Newborn – 98+ Years	Not established	Not established
Nucleated RBC	(#/100)	0 Days - 3 Days	0-8	0-8
	(#/100)	4 Days - 18 Years	0	0