

## CBC and Reticulocyte Reference Ranges

Age	RBC	Hemoglobin	Hematocrit	MCV	MCH	MCHC	RDW-CV	Platelet	MPV	Age	Reticulocyte	Reticulocyte
	10 <sup>6</sup> /uL	g/dL	%	fL	pg	g/dL	%	10 <sup>3</sup> /uL	fL		%	10 <sup>6</sup> /uL
<b>0-1 Day</b>	4.0 - 6.6	13.5 - 19.9	45 - 67	95 - 121	31 - 37	29 - 37	11.0 - 18.0	250 - 450	9.1 - 12.9	<b>0-1 Day</b>	1.8 - 4.6	0.072 - 0.304
<b>1-3 Day</b>	4.0 - 6.6	14.5 - 22.5	45 - 67	95 - 121	31 - 37	29 - 37	11.0 - 18.0	250 - 450	9.1 - 12.9	<b>1-3 Day</b>	0.1 - 0.9	0.004 - 0.059
<b>3-7 Day</b>	3.9 - 6.3	13.5 - 21.5	42 - 66	88 - 126	28 - 37	28 - 37	11.0 - 18.0	200 - 400	9.1 - 12.9	<b>3-7 Day</b>	0.1 - 0.9	0.004 - 0.057
<b>1-2 Wk</b>	3.6 - 6.2	12.5 - 20.5	39 - 63	86 - 124	28 - 37	28 - 37	11.0 - 17.0	250 - 450	9.1 - 12.9	<b>1-2 Wk</b>	0.3 - 0.9	0.011 - 0.056
<b>2-4 Wk</b>	3.0 - 5.4	10.0 - 18.0	31 - 55	85 - 123	28 - 37	29 - 37	11.0 - 17.0	250 - 450	9.1 - 12.9	<b>2-4 Wk</b>	0.3 - 0.9	0.009 - 0.049
<b>1-2 Mo</b>	2.7 - 4.9	9.0 - 14.0	28 - 42	77 - 115	26 - 34	29 - 37	11.0 - 17.0	300 - 750	8.9 - 12.4	<b>1-2 Mo</b>	0.3 - 2.2	0.008 - 0.108
<b>2-6 Mo</b>	3.1 - 4.5	10.0 - 13.5	29 - 41	74 - 108	25 - 35	30 - 36	11.0 - 16.5	300 - 750	8.9 - 12.4	<b>2-6 Mo</b>	0.5 - 1.9	0.016 - 0.086
<b>6-12 Mo</b>	3.7 - 5.3	10.5 - 13.5	33 - 39	70 - 86	23 - 31	30 - 36	11.0 - 16.0	250 - 600	8.9 - 12.4	<b>6-12 Mo</b>	0.5 - 1.5	0.019 - 0.080
<b>1-2 Yr</b>	3.7 - 5.3	10.5 - 13.5	33 - 39	70 - 86	23 - 31	30 - 36	11.0 - 16.0	250 - 600	8.6 - 12.0	<b>1-2 Yr</b>	0.5 - 1.5	0.019 - 0.080
<b>2-4 Yr</b>	3.9 - 5.3	11.5 - 13.5	34 - 40	75 - 87	24 - 30	31 - 36	11.0 - 15.0	250 - 550	8.9 - 13.9	<b>2-4 Yr</b>	0.5 - 1.5	0.020 - 0.080
<b>4-6 Yr</b>	3.9 - 5.3	11.5 - 13.5	34 - 40	75 - 87	24 - 30	31 - 36	11.0 - 15.0	250 - 550	8.9 - 13.9	<b>4-6 Yr</b>	0.5 - 1.5	0.020 - 0.080
<b>6-10 Yr</b>	4.0 - 5.2	11.5 - 15.5	35 - 45	77 - 95	25 - 33	31 - 36	11.0 - 14.5	200 - 550	9.1 - 13.1	<b>6-10 Yr</b>	0.5 - 1.5	0.020 - 0.078
<b>10-12 Yr</b>	4.0 - 5.2	11.5 - 15.5	35 - 45	77 - 95	25 - 33	31 - 36	11.0 - 14.5	200 - 450	9.1 - 13.1	<b>10-12 Yr</b>	0.5 - 1.5	0.020 - 0.078
<b>12-18 Yr</b>	<b>M</b> 4.5 - 5.3 <b>F</b> 4.1 - 5.1	<b>M</b> 13.0 - 16.0 <b>F</b> 12.0 - 15.0	<b>M</b> 37 - 49 <b>F</b> 36 - 46	78 - 98	25 - 35	31 - 36	11.0 - 14.5	150 - 450	8.9 - 13.1	<b>12-18 Yr</b>	0.5 - 1.5	0.021 - 0.080
<b>&gt;18 Yr</b>	<b>M</b> 4.4 - 5.7 <b>F</b> 3.9 - 5.2	<b>M</b> 13.8 - 17.0 <b>F</b> 11.8 - 15.8	<b>M</b> 40 - 49 <b>F</b> 35 - 47	80 - 100	26 - 34	31 - 36	11.5 - 14.5	130 - 425	9.0 - 12.0	<b>&gt;18 Yr</b>	0.5 - 1.5	0.025 - 0.077

## Total WBC and Differential Reference Ranges

Age	Total WBC	Neutrophil	Neutrophil #	Lymphocyte	Lymphocyte #	Monocyte	Monocyte #	Eosinophil	Eosinophil #	Basophil	Basophil #
	10 <sup>3</sup> /uL	%	10 <sup>3</sup> /uL	%	10 <sup>3</sup> /uL	%	10 <sup>3</sup> /uL	%	10 <sup>3</sup> /uL	%	10 <sup>3</sup> /uL
<b>0-1 Day</b>	9.0 - 30.0	33 - 70	3.0 - 12.0	10 - 35	2.0 - 11.0	0 - 10	0 - 1.1	0 - 4	0 - 0.4	0 - 1	0 - 0.1
<b>1-3 Day</b>	5.0 - 21.0	15 - 50	2.0 - 6.0	15 - 70	2.0 - 7.0	0 - 10	0 - 0.9	0 - 4	0 - 0.5	0 - 1	0 - 0.1
<b>3-7 Day</b>	5.0 - 21.0	15 - 50	2.0 - 6.0	15 - 70	2.0 - 7.0	0 - 10	0 - 0.9	0 - 4	0 - 0.5	0 - 1	0 - 0.1
<b>1-2 Wk</b>	5.0 - 19.5	15 - 45	1.5 - 5.0	30 - 70	3.0 - 7.0	0 - 10	0 - 0.6	0 - 4	0 - 0.3	0 - 1	0 - 0.1
<b>2-4 Wk</b>	5.0 - 19.5	15 - 45	1.5 - 5.0	30 - 70	3.0 - 7.0	0 - 10	0 - 0.6	0 - 4	0 - 0.3	0 - 1	0 - 0.1
<b>1-2 Mo</b>	6.0 - 17.5	15 - 45	1.5 - 5.0	30 - 70	3.0 - 7.0	0 - 10	0 - 0.5	0 - 4	0 - 0.3	0 - 1	0 - 0.1
<b>2-6 Mo</b>	6.0 - 17.5	15 - 45	1.5 - 5.0	30 - 70	3.0 - 7.0	0 - 10	0 - 0.5	0 - 4	0 - 0.3	0 - 1	0 - 0.1
<b>6-12 Mo</b>	6.0 - 17.5	15 - 45	1.5 - 5.0	30 - 70	3.0 - 7.0	0 - 10	0 - 0.5	0 - 4	0 - 0.3	0 - 1	0 - 0.1
<b>1-2 Yr</b>	5.0 - 15.5	15 - 70	1.5 - 7.5	30 - 70	3.0 - 7.0	0 - 10	0 - 0.5	0 - 4	0 - 0.3	0 - 1	0 - 0.1
<b>2-4 Yr</b>	6.0 - 15.5	15 - 70	1.5 - 7.5	30 - 70	3.0 - 7.0	0 - 10	0 - 0.5	0 - 4	0 - 0.3	0 - 1	0 - 0.1
<b>4-6 Yr</b>	5.0 - 13.5	25 - 70	1.8 - 7.0	20 - 70	1.5 - 8.5	0 - 10	0 - 0.4	0 - 4	0 - 0.3	0 - 1	0 - 0.1
<b>6-10 Yr</b>	4.5 - 13.5	25 - 70	1.8 - 7.0	20 - 50	1.5 - 5.0	0 - 10	0 - 0.4	0 - 4	0 - 0.3	0 - 1	0 - 0.1
<b>10-12 Yr</b>	5.0 - 11.0	30 - 70	1.5 - 7.0	20 - 40	1.1 - 4.5	0 - 10	0 - 0.9	0 - 4	0 - 0.2	0 - 1	0 - 0.1
<b>12-18 Yr</b>	5.0 - 11.0	40 - 75	1.5 - 7.0	20 - 40	1.1 - 4.5	0 - 10	0 - 0.9	0 - 4	0 - 0.2	0 - 1	0 - 0.1
<b>&gt;18 Yr</b>	4.0 - 10.0	40 - 75	1.5 - 7.5	20 - 46	0.8 - 4.0	4 - 12	0.3 - 0.9	0 - 5	0 - 0.4	0 - 2	0 - 0.1