



## Normal Values

### CBC NORMAL RANGES FOR FEMALES

AGE	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	MPV	PLT
0	9.1-34.0	4.10-6.70	15.0-24.0	44-70	102-115	33-39	32-36	11.5-14.5	6.0-9.5	140-440
1D	9.4-34.0	4.10-6.70	15.0-24.0	44-70	102-115	33-39	32-36	11.5-14.5	6.0-9.5	140-440
7D	5.0-21.0	4.10-6.70	15.0-24.0	44-70	102-115	33-39	32-36	11.5-14.5	6.0-9.5	140-440
14D	5.0-20.0	4.10-6.70	15.0-24.0	44-70	102-115	33-39	32-36	11.5-14.5	6.0-9.5	140-440
1M	6.0-14.0	3.50-5.40	10.5-14.0	44-56	72-88	24-30	32-36	11.5-14.5	6.0-9.5	140-440
3M	4.0-12.0	3.50-5.40	10.5-14.0	32-42	72-88	24-30	32-36	11.5-14.5	6.0-9.5	140-440
1	4.0-12.0	3.50-5.40	10.5-14.5	32-42	72-88	24-30	32-36	11.5-14.5	6.3-9.2	140-440
2	4.0-12.0	4.00-5.30	11.5-14.5	32-42	72-88	25-31	32-36	11.5-14.5	6.3-9.2	140-440
4	4.0-12.0	4.00-5.30	11.5-14.5	32-42	76-90	25-31	32-36	11.5-14.5	6.3-9.2	140-440
8	4.0-12.0	4.00-5.30	11.5-14.5	33-43	76-90	25-31	32-36	11.5-14.5	6.3-10.8	140-440
14 +	4.0-10.5	4.10-5.30	12.0-15.0	35-45	78-95	26-32	32-36	11.5-14.5	6.3-10.8	140-440
18 +	4.0-10.5	4.20-5.40	12.5-16.0	37-47	78-100	27-31	32-36	11.5-14.5	6.3-10.8	140-440

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AGE	WBC	RBC	HGB	HCT	MCV	MCH	MCHC	RDW	MPV	PLT
0	9.1-34.0	4.10-6.70	15.0-24.0	44-70	102-115	33-39	32-36	11.5-14.5	6.0-9.5	140-440
1D	9.4-34.0	4.10-6.70	15.0-24.0	44-70	102-115	33-39	32-36	11.5-14.5	6.0-9.5	140-440
7D	5.0-21.0	4.10-6.70	15.0-24.0	44-70	102-115	33-39	32-36	11.5-14.5	6.0-9.5	140-440
14D	5.0-20.0	4.10-6.70	15.0-24.0	44-70	102-115	33-39	32-36	11.5-14.5	6.0-9.5	140-440
1M	6.0-14.0	3.80-5.40	10.5-14.0	44-56	72-88	24-30	32-36	11.5-14.5	6.0-9.5	140-440
3M	4.0-12.0	4.00-5.30	10.5-14.0	32-42	72-88	24-30	32-36	11.5-14.5	6.0-9.5	140-440
1	4.0-12.0	4.00-5.30	10.5-14.0	32-42	72-88	24-30	32-36	11.5-14.5	6.3-9.2	140-440
2	4.0-12.0	4.00-5.30	11.5-14.5	32-42	72-88	25-31	32-36	11.5-14.5	6.3-9.2	140-440
4	4.0-12.0	4.00-5.30	11.5-14.5	32-42	76-90	25-31	32-36	11.5-14.5	6.3-9.2	140-440
8	4.0-12.0	4.00-5.10	11.5-14.5	33-43	76-90	25-31	32-36	11.5-14.5	6.3-10.8	140-440
14 +	4.0-10.5	3.90-5.30	12.5-16.1	35-45	78-95	26-32	32-36	11.5-14.5	6.3-10.8	140-440
18 +	4.0-10.5	4.30-5.90	13.5-18.0	42-52	78-100	27-31	32-36	11.5-14.5	6.3-10.8	140-440

### DIFFERENTIAL NORMAL VALUES

Age	Segmented Neutrophils (%)	Band Neutrophils (%)	Eosinophils (%)	Basophils (%)	Lymphocytes (%)	Monocytes (%)	Metamyelocytes (%)
Birth	32 - 62	10 - 18	0 - 2	0 - 1	26 - 36	0 - 6	6-12
24 Hours	32 - 62	10 - 18	0 - 2	0 - 1	26 - 36	0 - 6	6-12
1 Week	19 - 49	8 - 16	0 - 4	0	36 - 46	0 - 9	4-10
2 Weeks	14 - 34	7 - 15	0 - 3	0 - 1	43 - 53	0 - 9	4-8
4 Weeks	15 - 35	7 - 13	0 - 3	0 - 1	41 - 71	0 - 7	4-8
2 Months	15 - 35	5 - 11	0 - 3	0 - 1	42 - 72	0 - 6	0-5
4 Months	14 - 34	6 - 12	0 - 3	0	44 - 74	0 - 5	0-4
6 Months	13 - 33	6 - 12	0 - 3	0	46 - 76	0 - 5	0-4
8 Months	12 - 32	5 - 11	0 - 3	0	47 - 77	0 - 5	0-3
1 Year	13 - 33	5 - 11	0 - 3	0	46 - 76	0 - 5	0-3
2 Years	15 - 35	5 - 11	0 - 3	0 - 1	44 - 74	0 - 5	0-3
4 Years	23 - 45	5 - 11	0 - 3	0 - 1	35 - 65	0 - 5	0-3
6 Years	32 - 54	5 - 11	0 - 3	0 - 1	27 - 57	0 - 5	0-3
8 Years	34 - 56	5 - 11	0 - 2	0 - 1	24 - 54	0 - 4	0-3
10 Years	31 - 61	5 - 11	0 - 2	0 - 1	28 - 48	0 - 4	0-3
12 Years	32 - 62	5 - 11	0 - 3	0 - 1	28 - 48	0 - 4	0-3
14 Years	33 - 63	5 - 11	0 - 3	0 - 1	27 - 47	0 - 5	0-3
16 Years	34 - 64	5 - 11	0 - 3	0 - 1	25 - 45	0 - 5	0-3
18 Years	34 - 64	5 - 11	0 - 3	0 - 1	25 - 45	0 - 5	0
20 Years	36 - 66	5 - 11	0 - 3	0 - 1	23 - 43	0 - 5	0
Adult	36 - 66	5 - 11	0 - 3	0 - 1	24 - 44	0 - 4	0

Normal Values for Myelocytes, Promyelocytes, and Blasts are none present.

### RETICULOCYTE NORMAL RANGES

AGE	RETIC
0 - 2 Days	2.5 - 6.5%
3 - 28 Days	1.0-3.0%
>4 Weeks	0.5 - 1.5%