

TriHealth Laboratories

HEMATOLOGY REFERENCE INTERVALS

RBC (x10⁶/mcL)		WBC (x 10³/mcL)	
<i>Age</i>	<i>Normal Reference Range</i>	<i>Age</i>	<i>Normal Reference Range</i>
Birth-6 days	3.90-6.60	Birth-6 days	9.0-30.0
7 days-6 months	2.70-5.50	7days-6 months	5.0-21.0
7 months-12 years	3.40-5.30	7 months-4 years	5.5-17.5
> 12 years male	4.40-5.80	5-7 years	4.8-15.5
> 12 years female	3.80-5.20	8-15 years	4.5-13.5
		> 15 years	3.6-10.5
Hgb (g/dL)			
<i>Age</i>	<i>Normal Reference Range</i>		
Birth-23 hours	13.5-19.5	WBC DIFFERENTIAL	
1day- 1month	13.5-19.5	Absolute Neutrophils (x10³/mcL)	
2 month-6 months	9.0-14.4	<i>Age</i>	<i>Normal Reference Range</i>
7 months-10 years	11.0-15.5	0-3 days	5.00-28.00
> 10 years male	13.5-16.5	4 days-14 days	1.50-10.0
> 10 years female	12.0-15.2	15 days-364 days	1.00-9.50
Hct (%)		1 year-9 years	1.50-8.50
<i>Age</i>	<i>Normal Reference Range</i>	> 9 years	1.80-7.70
Birth-23hours	42-60		
1-6 days	42-60	Absolute Lymphs (x10³/mcL)	
7 days-30 days	39-60	<i>Age</i>	<i>Normal Reference Range</i>
31 days-6 months	29-55	Birth-2 months	2.00-17.00
7 months-14 years	33-45	3 months-364 days	2.50-13.50
> 14 years male	40-50	1 year-3 years	3.00-10.50
> 14 years female	36-46	4 years-6 years	1.50-9.50
MCV (fL)		7 years-15 years	1.20-7.00
<i>Age</i>	<i>Normal Reference Range</i>	> 15 years	1.00-4.00
Birth-3 days	100-120	Absolute Monocytes (x10³/mcL)	
4 days-2 months	80-120	<i>Age</i>	<i>Normal Reference Range</i>
2 months-6 months	74-108	Birth-3 days	0.20-2.20
6 months-11 years	75-95	4 days-30 days	0.20-3.00
> 11 years	82-97	31 days-6 months	0.15-2.40
		7 months-5 years	0.05-1.00
MCH (pg)		>5 years	0.20-0.90
<i>Age</i>	<i>Normal Reference Range</i>	Absolute Eosinophils (x10³/mcL)	
> 0 days	27-33	<i>Age</i>	<i>Normal Reference Range</i>
		Birth- 1 year	0.02-1.00
MCHC (g/dL)		2 year-5 years	0.02-0.70
<i>Age</i>	<i>Normal Reference Range</i>	> 5 years	0.03-0.45
Birth – 2 months	30-37	Absolute Basophils (x10³/mcL)	
> 2 months	32-36	<i>Age</i>	<i>Normal Reference Range</i>
		>0 days	0.00-0.20
RDW (%)			
<i>Age</i>	<i>Normal Reference Range</i>	NRBC's (# per 100 WBC's)	
Birth-1 month	12.3-19.2	<i>Age</i>	<i>Normal Reference Range</i>
> 1 month	12.3-17.0	Birth	0-200
		1 day-3 days	0-5
Absolute Reticulocyte Count (x10³/mcL)		>3 days	0
<i>Age</i>	<i>Normal Reference Range</i>	Platelets (x10³/mcL)	
0-6 days	50-370	<i>Age</i>	<i>Normal Reference Range</i>
> 6 days	20-105	>0 days	140-375
		MPV (fL)	
Immature Reticulocyte Fraction		>0 days	7.4-11.2
<i>Age</i>	<i>Normal Reference Range</i>		
>0 days	0.29-0.53		
Mean Reticulocyte Volume			
<i>Age</i>	<i>Normal Reference Range</i>		
>0 days	97.4-120.2		