

Age Range	Male	Female	Unspecified	Low Critical	High Critical
WBC Corrected (x10⁹/L)					
0-<3 Years	5.3-13.2			<0.5	>50
3-<5 Years	4.8-11.5				
5-<21 years	4.2-10.2				
21+	3.6-11.2				
RBC Count (x10¹²/L)					
0-<1 year	2.90-5.16			N/A	N/A
1-<14 years	4.10-5.08	3.94-4.97	4.02-5.03		
14+ years	4.26-5.60	3.95-5.13	4.11-5.36		
Hemoglobin (g/dL)					
0-<1 year	9.3-13.4			<5	> 2weeks: >20
1-<4 years	9.9-13.4				>20
4-<14 years	11.4-14.1				
14+ years	12.9-16.5	11.3-14.9	12.1-15.7		
Hematocrit (%)					
0-<1 year	27-40			<15	>2 weeks: >60
1-<4 years	30-40				>60
4-<14 years	34-42				
14+ years	39-48	34-44	36-46		
MCV (fL)					
0-<1 year	70.5-94.9			N/A	N/A
1-<4 years	72.8-85.2				
4-<14 years	77.4-89.9				
14+ years	77.6-95.7				
MCH (Pg)					
0-<1 year	22.9-32.7			N/A	N/A
1-<3 years	22.7-29.0				
3-<6 years	25.2-29.2				
6-<13	25.4-30.8				
13+ years	25.9-32.4				
MCHC (g/dL)					
0-21 Years	32.3-35.0			N/A	N/A
21+ years	32.0-36.0				
RDW (%)					
0-<2 years	12.2-17.7			N/A	N/A
2+ years	12.2-15.2				
MPV (fL)					
0-<7 years	6.9-9.7			N/A	N/A
7-<21 years	7.3-10.7				
21+ years	6.8-10.7				
Platelet (x10⁹/L)					
0-<1 year	287-589			<10	>999
1-<12 years	212-480				
12-<21 years	170-380				
21+ years	150-450				

Abs. Neut. (x10⁹/L)			
0-<1 year	0.9-4.6	<0.5	N/A
1-<21 years	1.5-6.4		
21+ years	1.8-7.8		
Abs. Lymph (x10⁹/L)			
0<1 year	3.3-8.8	N/A	N/A
1-<5 years	1.8-7.1		
5-<15 years	1.4-4.1		
15+ years	1.1-3.6		
Abs. Mono. (x10⁹/L)			
0-<2 years	0.4-1.1	N/A	N/A
2-<5 years	0.3-1.1		
5+ years	0.3-0.8		
Abs. Eos. (x10⁹/L)			
0-<1 year	0.1-0.9	N/A	N/A
1+ years	0.0-0.5		
Abs. Baso (x10⁹/L)			
All Ages	0.0-0.1	N/A	N/A

CBC/Diff Reference ranges updated 3/2/2022
 Ranges applicable for testing performed at UNC
 Hospitals McLendon Clinical Laboratory on the DxH
 900 series analyzers.

Pediatric reference ranges sourced from Caliper
 Study using 566 patients aged (0-21 years)