

CBC Reference Ranges:		
Female		Male
WBC [$10^3/\mu\text{L}$] 19 years 4.8-10.8 12 years 4.9-9.1 6 years 4.8-10.7 2 years 6.4-11.1 181 days 6.3-12.6 61 days 7.9-13.4 31 days 8.2-16.3 15 days 7.2-18.4 8 days 7.3-16.5 4 days 7.9-16.00 0 days 8.4-16.6		WBC [$10^3/\mu\text{L}$] 19 years 4.8-10.8 12 years 5.1-15.5 6 years 5.0-11.8 2 years 5.0-13.2 181 days 7.8-14.8 61 days 8.3-15.9 31 days 7.4-14.3 15 days 7.2-19.9 8 days 7.8-19.3 4 days 6.2-13.0 0 days 5.5-15.0
RBC [$10^6/\mu\text{L}$] 19 years 4.20-5.40 12 years 3.40-4.70 6 years 3.60-4.90 2 years 3.80-4.90 181 days 3.60-5.30 61 days 3.30-5.00 31 days 3.10-4.70 15 days 3.60-4.90 8 days 3.60-4.90 4 days 3.10-5.20 0 days 3.30-5.30		RBC [$10^6/\mu\text{L}$] 19 years 4.70-6.10 12 years 3.30-5.40 6 years 3.70-4.90 2 years 3.30-4.80 181 days 3.40-5.00 61 days 3.60-5.20 31 days 3.10-4.10 15 days 3.30-4.90 8 days 3.50-5.20 4 days 3.70-5.30 0 days 3.30-5.00
HGB [g/dL] 19 years 12.0-16.0 12 years 9.5-13.3 6 years 10.9-13.7 2 years 10.9-13.4 181 days 9.6-13.1 61 days 9.8-13.1 31 days 9.2-14.4 15 days 10.9-15.3 8 days 11.5-16.3 4 days 11.8-17.7 0 days 13.2-18.4		HGB [g/dL] 19 years 14.0-18.0 12 years 9.5-14.8 6 years 10.7-13.5 2 years 9.6-12.8 181 days 9.8-13.4 61 days 10.0-13.2 31 days 9.0-12.1 15 days 10.6-15.4 8 days 11.8-16.8 4 days 12.8-16.9 0 days 12.2-17.9

<p>HCT [%]</p> <p>19 years 37.0-47.0</p> <p>12 years 27.9-39.6</p> <p>6 years 32.0-40.0</p> <p>2 years 32.0-39.8</p> <p>181 days 28.1-39.1</p> <p>61 days 28.6-42.3</p> <p>31 days 27.1-41.9</p> <p>15 days 31.9-45.2</p> <p>8 days 32.9-47.5</p> <p>4 days 34.4-50.8</p> <p>0 days 38.4-56.0</p>	<p>HCT [%]</p> <p>19 years 42.0-52.0</p> <p>12 years 27.3-43.6</p> <p>6 years 31.6-39.5</p> <p>2 years 28.5-37.9</p> <p>181 days 28.3-40.0</p> <p>61 days 29.9-39.0</p> <p>31 days 27.0-35.8</p> <p>15 days 30.7-44.9</p> <p>8 days 33.4-49.0</p> <p>4 days 36.9-50.1</p> <p>0 days 33.5-52.7</p>
<p>MCV [fL]</p> <p>19 years 81.0-99.0</p> <p>12 years 79.1-91.7</p> <p>6 years 80.7-95.6</p> <p>2 years 75.6-88.0</p> <p>181 days 70.6-87.9</p> <p>61 days 77.5-89.4</p> <p>31 days 85.5-95.3</p> <p>15 days 84.5-99.7</p> <p>8 days 87.9-101.8</p> <p>4 days 90.6-108.3</p> <p>0 days 92.4-115.4</p>	<p>MCV [fL]</p> <p>19 years 80.0-94.0</p> <p>12 years 76.3-90.1</p> <p>6 years 77.3-88.3</p> <p>2 years 73.6-90.0</p> <p>181 days 72.3-88.7</p> <p>61 days 76.5-87.8</p> <p>31 days 82.0-89.8</p> <p>15 days 83.4-97.6</p> <p>8 days 85.1-104.5</p> <p>4 days 88.1-106.5</p> <p>0 days 93.0-113.4</p>
<p>MCH [pg]</p> <p>19 years 27.0-31.0</p> <p>12 years 26.7-31.7</p> <p>6 years 27.4-33.2</p> <p>2 years 25.3-29.9</p> <p>181 days 23.4-30.0</p> <p>61 days 25.8-30.1</p> <p>31 days 29.0-32.7</p> <p>15 days 29.2-34.3</p> <p>8 days 30.3-35.0</p> <p>4 days 30.8-36.8</p> <p>0 days 31.4-39.4</p>	<p>MCH [pg]</p> <p>19 years 27.0-31.0</p> <p>12 years 25.9-31.0</p> <p>6 years 26.3-30.3</p> <p>2 years 24.6-30.9</p> <p>181 days 24.2-30.0</p> <p>61 days 25.8-29.2</p> <p>31 days 28.0-30.5</p> <p>15 days 28.8-33.6</p> <p>8 days 29.1-35.7</p> <p>4 days 29.9-36.2</p> <p>0 days 31.3-38.6</p>

<p>MCHC [g/dL]</p> <p>19 years 31.0-36.0 12 years 33.2-34.7 6 years 33.3-34.8 2 years 32.9-34.6 181 days 32.7-34.6 61 days 33.1-34.4 31 days 33.5-34.8 15 days 33.5-35.0 8 days 33.5-35.2 4 days 33.6-35.0 0 days 33.3-34.5</p>	<p>MCHC [g/dL]</p> <p>19 years 31.0-36.0 12 years 33.4-34.6 6 years 33.2-34.8 2 years 32.7-34.7 181 days 32.9-34.5 61 days 32.9-34.0 31 days 33.5-34.6 15 days 33.5-35.0 8 days 33.5-35.0 4 days 33.5-35.0 0 days 33.5-34.8</p>
<p>PLT [$10^3/uL$]</p> <p>19 years 130-400 12 years 138-345 6 years 130-314 2 years 213-363 181 days 238-444 61 days 135-488 31 days 192-574 15 days 122-492 8 days 136-411 4 days 108-354 0 days 158-300</p>	<p>PLT [$10^3/uL$]</p> <p>19 years 130-400 12 years 159-353 6 years 175-311 2 years 197-382 181 days 200-402 61 days 270-505 31 days 140-557 15 days 153-403 8 days 124-367 4 days 128-309 0 days 145-262</p>
<p>RDW-CV [%]</p> <p>11.5-14.5</p>	<p>RDW-CV [%]</p> <p>0 11.5-14.5</p>
<p>MVP [fL]</p> <p>7.4-10.4</p>	<p>MVP [fL]</p> <p>7.4-10.4</p>

Retic Count	
Female	Male
RETIC [%] 19 years 0.4-1.7 12 years 0.8-2.2 6 years 0.8-2.8 2 years 0.8-2.1 181 days 0.9-2.0 61 days 1.1-2.9 31 days 1.5-3.2 4 days 0.4-2.0 0 days 2.1-3.7	RETIC [%] 19 years 0.4-1.7 12 years 0.8-2.2 6 years 0.7-2.2 2 years 0.8-2.0 181 days 0.8-2.0 61 days 0.9-3.1 31 days 0.9-3.8 4 days 0.4-2.7 0 days 2.2-4.8
Differential	
Female	Male
Neutrophil [%] 19 years 41.0-77.0 12 years 41.9-77.8 6 years 39.5-76.9 2 years 32.3-69.7 181 days 20.7-61.8 61 days 21.8-61.2 31 days 16.0-58.9 15 days 17.3-61.0 8 days 15.8-61.1 4 days 21.6-59.0 0 days 33.9-69.6	Neutrophil [%] 19 years 41.0-77.0 12 years 48.5-85.1 6 years 40.3-72.9 2 years 34.3-78.6 181 days 24.6-70.9 61 days 11.9-53.4 31 days 17.1-51.0 15 days 18.7-58.8 8 days 29.0-65.9 4 days 25.6-67.7 0 days 32.2-69.8
Neutrophil Absolute [10³/uL] 1.970-8.320	Neutrophil Absolute [10³/uL] 1.970-8.320

Lymphocyte [%] 19 years 24.0-44.0 12 years 12.9-40.6 6 years 13.1-45.2 2 years 14.3-50.6 181 days 16.4-56.3 61 days 25.7-52.9 31 days 21.3-63.6 15 days 17.0-58.7 8 days 19.0-54.7 4 days 18.4-52.9 0 days 13.4-40.7	Lymphocyte [%] 19 years 24.0-44.0 12 years 6.5-32.9 6 years 14.1-43.1 2 years 11.0-50.1 181 days 18.6-58.1 61 days 19.9-53.8 31 days 22.7-53.9 15 days 10.4-51.9 8 days 13.0-43.6 4 days 18.8-51.4 0 days 16.8-46.4
Lymphocyte Absolute [$10^3/uL$] 1.00-4.50	Lymphocyte Absolute [$10^3/uL$] 1.00-4.50
Mono [%] 19 years 4.0-9.0 12 years 3.8-11.2 6 years 4.2-12.3 2 years 5.7-13.2 181 days 3.3-15.5 61 days 4.6-18.1 31 days 2.4-19.1 15 days 2.7-22.9 8 days 2.3-22.2 4 days 1.3-18.7 0 days 1.4-16.3	Mono [%] 19 years 4.0-9.0 12 years 3.1-12.5 6 years 3.3-13.4 2 years 3.5-13.9 181 days 4.6-15.4 61 days 2.3-17.3 31 days 4.9-19.6 15 days 1.0-20.9 8 days 1.9-20.8 4 days 1.7-18.7 0 days 0.8-11.9
Monocyte Absolute [$10^3/uL$] 0.10-1.00	Monocyte Absolute [$10^3/uL$] 0.10-1.00
Eosinophil [%] 0-3	Eosinophil [%] 0-3
Eosinophil Absolute [$10^3/uL$] 0.00-0.70	Eosinophil Absolute [$10^3/uL$] 0.00-0.70
Basophil [%] 0-1	Basophil [%] 0-1
Basophil Absolute [$10^3/uL$] 0.00-0.30	Basophil Absolute [$10^3/uL$] 0.00-0.30