CBC Reference Ranges:	
Female	Male
WBC [10^3/uL]	WBC [10^3/uL]
19 years 4.8-10.8	19 years 4.8-10.8
12 years 4.9-9.1	12 years 5.1-15.5
6 years 4.8-10.7	6 years 5.0-11.8
2 years 6.4-11.1	2 years 5.0-13.2
181 days 6.3-12.6	181 days 7.8-14.8
61 days 7.9-13.4	61 days 8.3-15.9
31 days 8.2-16.3	31 days 7.4-14.3
15 days 7.2-18.4	15 days 7.2-19.9
8 days 7.3-16.5	8 days 7.8-19.3
4 days 7.9-16.00	4 days 6.2-13.0
0 days 8.4-16.6	0 days 5.5-15.0
RBC [10^6/uL]	RBC [10^6/uL]
19 years 4.20-5.40	19 years 4.70-6.10
12 years 3.40-4.70	12 years 3.30-5.40
6 years 3.60-4.90	6 years 3.70-4.90
2 years 3.80-4.90	2 years 3.30-4.80
181 days 3.60-5.30	181 days 3.40-5.00
61 days 3.30-5.00	61 days 3.60-5.20
31 days 3.10-4.70	31 days 3.10-4.10
15 days 3.60-4.90	15 days 3.30-4.90
8 days 3.60-4.90	8 days 3.50-5.20
4 days 3.10-5.20	4 days 3.70-5.30
0 days 3.30-5.30	0 days 3.30-5.00
HGB [g/dL]	HGB [g/dL]
19 years 12.0-16.0	19 years 14.0-18.0
12 years 9.5-13.3	12 years 9.5-14.8
6 years 10.9-13.7	6 years 10.7-13.5
2 years 10.9-13.4	2 years 9.6-12.8
181 days 9.6-13.1	181 days 9.8-13.4
61 days 9.8-13.1	61 days 10.0-13.2
31 days 9.2-14.4	31 days 9.0-12.1
15 days 10.9-15.3	15 days 10.6-15.4
8 days 11.5-16.3	8 days 11.8-16.8
4 days 11.8-17.7	4 days 12.8-16.9
0 days 13.2-18.4	0 days 12.2-17.9
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HCT [%] 19 years 37.0-47.0 19 years 42.0-52.0 12 years 27.3-43.6 6 years 32.0-40.0 6 years 32.0-30.8 2 years 32.0-39.8 181 days 28.1-39.1 181 days 28.3-40.0 61 days 28.6-42.3 31 days 27.1-41.9 31 days 29.9-39.0 31 days 31.9-45.2 15 days 33.4-49.0 4 days 34.4-50.8 0 days 38.4-56.0 MCV [ft.] 19 years 80.0-99.0 12 years 73.6-90.0 12 years 75.6-88.0 2 years 75.6-88.0 2 years 75.6-88.0 181 days 77.5-89.4 31 days 85.5-95.3 15 days 84.5-99.7 15 days 87.9-101.8 4 days 90.6-108.3 0 days 92.4-115.4 MCH [pg] 19 years 27.0-31.0 12 years 27.0-31.0 12 years 26.3-30.1 4 days 28.3-40.0 19 years 27.0-31.0 11 years 25.9-31.0 12 years 25.3-29.9 2 years 25.3-29.9 2 years 26.3-30.3 2 years 27.0-31.0 11 years 27.0-31.0 12 years 27.0-31.0 13 days 28.8-30.1 31 days 28.0-30.5 4 days 29.3-35.7 31 days 28.0-30.5 31 days 28.0-30.5 31 days 29.0-33.7 31 days 28.0-30.5 31 days 29.0-35.7 31 days 28.0-30.5 31 days 29.0-35.7 31 days 28.0-30.5 31 days 29.0-35.7 31 days 29.0-36.2 0 days 31.3-38.6	LIOT [0/]	HOT 50/1
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6 years 32.0-40.0 6 years 31.6-39.5 2 years 32.0-39.8 2 years 28.5-37.9 181 days 28.1-39.1 181 days 28.3-40.0 61 days 28.6-42.3 61 days 29.9-39.0 31 days 27.1-41.9 31 days 27.0-35.8 15 days 31.9-45.2 15 days 30.7-44.9 8 days 32.9-47.5 8 days 33.4-49.0 4 days 34.4-50.8 4 days 36.9-50.1 0 days 38.4-56.0 0 days 33.5-52.7	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
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4 days 34.4-50.8 4 days 36.9-50.1 0 days 38.4-56.0 0 days 33.5-52.7 MCV [fL] 19 years 81.0-99.0 19 years 80.0-94.0 12 years 79.1-91.7 12 years 76.3-90.1 6 years 80.7-95.6 6 years 77.3-88.3 2 years 75.6-88.0 2 years 73.6-90.0 181 days 70.6-87.9 181 days 72.3-88.7 61 days 77.5-89.4 61 days 72.3-88.7 31 days 85.5-95.3 31 days 82.0-89.8 15 days 84.5-99.7 15 days 83.4-97.6 8 days 87.9-101.8 8 days 85.1-104.5 4 days 90.6-108.3 4 days 88.1-106.5 0 days 92.4-115.4 0 days 93.0-113.4 MCH [pg] 19 years 27.0-31.0 12 years 25.9-31.0 6 years 27.4-33.2 2 years 26.3-30.3 2 years 25.3-29.9 2 years 24.6-30.9 181 days 23.4-30.0 61 days	15 days 31.9-45.2	15 days 30.7-44.9
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181 days 23.4-30.0 61 days 25.8-30.1 31 days 29.0-32.7 15 days 29.2-34.3 8 days 30.3-35.0 4 days 30.8-36.8 181 days 24.2-30.0 61 days 25.8-29.2 31 days 28.0-30.5 15 days 28.8-33.6 8 days 29.1-35.7 4 days 29.9-36.2	1	,
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31 days 29.0-32.7 31 days 28.0-30.5 15 days 29.2-34.3 15 days 28.8-33.6 8 days 30.3-35.0 8 days 29.1-35.7 4 days 30.8-36.8 4 days 29.9-36.2		,
15 days 29.2-34.3 15 days 28.8-33.6 8 days 30.3-35.0 8 days 29.1-35.7 4 days 30.8-36.8 4 days 29.9-36.2	The state of the s	·
8 days 30.3-35.0 8 days 29.1-35.7 4 days 30.8-36.8 4 days 29.9-36.2	The state of the s	,
4 days 30.8-36.8 4 days 29.9-36.2	1	,
,		•
U days 31.4-39.4 U days 31.3-38.6	1	·
	U uays 31.4-39.4	U udys 31.3-38.0

MCHC [g/dL] 19 years 31.0-36.0 12 years 33.2-34.7 6 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	MCHC [g/dL] 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 33.6-35.0	4 days 33.5-35.0
0 days 33.3-34.5	0 days 33.5-34.8
PLT [10^3/uL] 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	PLT [10^3/uL] 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
RDW-CV [%]	RDW-CV [%]
11.5-14.5	0 11.5-14.5
MVP [fL]	MVP [fL]
7.4-10.4	7.4-10.4

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 [10^3/uL] 1.970-8.320	Neutrophil Absolute [10^3/uL] 1.970-8.320

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