

# Hematology Reference Ranges

## Differential (Percentages)

Neutrophils (%):

0-1D: 53-66

1D-1M: 36-54

1M-2Y: 19-43

2Y-10Y: 31-56

10Y-16Y: 32-58

16Y-150Y: 40-76

Bands (%): 0-12 (0-6 UH)

Lymphocytes (%):

0-1D: 26-36

1D-1M: 36-72

1M-2Y: 41-77

2Y-10Y: 28-65

10Y-16Y: 15-48

16Y-150Y: 16-47

Variant Lymphs (%):

0D-1M: 0-25

1M-4Y: 0-15

4Y-150Y: 0-13

Monocytes (%): 0-1D: 3-12, 1D-50Y: 3-13

Eosinophils (%): 0-5

Basophils (%): 0-2

## Absolute Counts ( $\times 10^3/\mu\text{L}$ )

Neutrophils (#):

0-1D: 5.0-28.0

1D-1M: 1.5-10.0

1M-2Y: 1.5-8.5

2Y-10Y: 1.5-8.0

10Y-16Y: 1.8-8.0

16Y-150Y: 1.8-7.0

Lymphocytes (#):

0-1D: 2.0-22.0

1D-1M: 2.0-17.0

1M-2Y: 2.0-10.0

2Y-10Y: 1.5-7.0

10Y-16Y: 1.0-5.0

16Y-150Y: 1.0-3.4

Monocytes (#): 0-1D: 0-3.5, 1D-150Y: 0.2-0.8

Eosinophils (#): 0-0.3

Basophils (#): 0-0.1

## **Hematology Reference Ranges (cont.)**

### **Reticulocytes**

Retic (%):

0-1D: 3.0-7.0

1D-150Y: 0.3-2.4

Retic (# ×106/uL):

0-2D: No reference range

2D-150Y: 0.02-0.11

### **Other Reference Values**

Glycosylated Hemoglobin (HbA1c): 4.4-5.8%

ESR (mm/hr):

0-50Y: M: 0-15, F: 0-20

50-150Y: M: 0-20, F: 0-30

### **CSF Cell Counts**

RBC (all ages): 0 /mm<sup>3</sup>

TNC (/mm<sup>3</sup>):

0-1Y: 0-30

1-5Y: 0-20

5-13Y: 0-10

13-150Y: 0-5

Neutrophils (%): 0-8

### **Urinalysis**

RBCs: 0-3 /hpf

WBCs: 0-5 /hpf

### **Total Eosinophil Count**

EOS T: 0-350 /mm<sup>3</sup>