|  |  |  |
| --- | --- | --- |
| **WBC** | 4.5 – 11.0 | x 109/L |
| **RBC** | Male: 4.5 – 5.5  Female: 4.0 – 5.0 | x 106/µL (or x 1012/L)  x 106/µL (or x 1012/L) |
| **Hgb** | Male: 14.0 – 17.4  Female: 12.0 – 16.0 | g/dL  g/dL |
| **Hct** | Male: 42 – 52  Female: 36 – 46 | % (or .42 - .52 L/L)  % (or .36 - .46 L/L) |
| **Plt** | 150 - 450 | x 109/L |
| **MCH** | 28 – 34 | pg |
| **MCHC** | 32 – 36 | g/dL |
| **MCV** | 80 – 100 | fL |
| **RDW** | 12.0 – 14.6 |  |
| **MPV** | 6.8 – 10.2 | fL |

**Indices Calculations**

|  |  |  |
| --- | --- | --- |
| **MCH =** Hgb x 10  RBC | **MCHC =** Hgb/Hct (L/L) | **MCV =** Hct (L/L) x 1000  RBC |

**WBC Differential Percentages**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Cell Type** | **Adult** | **Birth** | **4-6 months** | **Age 4** | **Age 6** |
| **Bands** | 0-5% | May be ⇧ |  |  |  |
| **Neutrophils** | 40–80% | 50-60% | 30% | Begins to ⇧ | Adult levels |
| **Lymphocytes** | 25–35% | 30% | ~65% | Begins to ⇩ | Adult levels |
| **Monocytes** | 2–10% |  |  |  |  |
| **Eosinophils** | 0–5% |  |  |  |  |
| **Basophils** | 0-1% |  |  |  |  |

**Absolute Counts for Cell Types (rather than percentages)**

% of cell type counted (in decimal format) x WBC

Example:

WBC = 7.0 x 109/L

# of Segs counted = 65

**Absolute Count for Segs =** 7.0 x .65 = ***4.55 x 109/L***