HEMATOLOGY – Red Blood Cells.

It is the measurement of the normal range of red blood cell count of a person.

- RBC (Male) 4.2 – 5.6 10^6 / µL [Scientific Notation: 10^6 = 1,000,000]
- RBC (Female) 3.8 – 5.1 10^6 / µL
- RBC (Child) 3.5 – 5.0 10^6 / µL

HEMATOLOGY – White Blood Cells.

It is the measurement of the white blood cell count in the body.

- WBC (Male) 3.8 – 11.0 10^3 / mm3 [Scientific Notation: 10^3 = 1,000]
- WBC (Female) 3.8 – 11.0 10^3 / mm3
- WBC (Child) 5.0 – 10.0 10^3 / mm3

HEMOGLOBIN

Diseases that affect red blood cells or the amount of hemoglobin in the blood may be

- Hgb (Male) 14 – 18 g/dL
- Hgb (Female) 11 – 16 g/dL
- Hgb (Child) 10 – 14 g/dL
- Hgb (Newborn) 15 – 25 g/dL

HEMATOCRIT

Determines the proportion of blood that is made up of red blood cells and may be used to determine the severity of anemia.

- Hct (Male) 39 – 54%
- Hct (Female) 34 – 47%
- Hct (Child) 30 – 42%
- MCV 78 – 98 fL
- MCH 27 – 35 pg
- MCHC 31 – 37%
- neutrophils 50 – 81%
- bands 1 – 5%
- lymphocytes 14 – 44%
- monocytes 2 – 6%
- eosinophils 1 – 5%
- basophils 0 – 1%

CARDIAC MARKERS