

Hemogram

ALTERNATE NAMES

CBC without Differential
Includes WBC, RBC, Hgb, Hct,
MCV, MCH, MCHC, RDW, Plt,
and MPV

SPECIMEN TYPE

EDTA whole blood

STORAGE

Refrigerate

ROUTINE / STAT T.A.T.

24 hours / 30 mins

STABILITY

48 hrs

REFERENCE RANGE

WBC 0-29 days: 9.1 – 25.0 x10E3/uL
 30d - 1 yrs: 6.0 – 14.0 x10E3/uL
 2-8 yrs: 4.0 – 12.0 x10E3/uL
 9-17 yrs: 4.0 – 10.5 x10E3/uL
 18+ yrs: 3.5 – 11.0 x10E3/uL

RBC 0-29 days: 4.10 – 6.70 x10E6/uL
 30d - 1 yrs: 3.80 – 5.40 x10E6/uL
 2-8 yrs: 4.00 – 5.30 x10E6/uL
 Males 9-17 yrs: 4.20 - 5.60 x10E6/uL
 Males 18+ yrs: 4.30 - 6.20 x10E6/uL
 Females 9-17yrs: 4.10 - 5.30 x10E6/uL
 Females 18+ yrs: 3.80 - 5.40 x10E6/uL

Hgb 0-29 days: 15.0 – 22.0 g/dL
 30d – 1yrs: 10.5 – 14.0 g/dL
 2-8 yrs: 11.5 – 14.5 g/dL
Female 9-17yrs: 12.0 – 15.0 g/dL
Female 18+ yrs: 11.9 - 16.0 g/dL
Males 9-17 yrs: 12.5-16.1 g/dL
Males 18+ yrs: 13.5-18.0 g/dL

Hct 0-29 days: 44 – 70 %
 30d – 1yrs: 32 – 42 %
 2-8 yrs: 33 – 43 %
Females 9-17yrs: 35 – 45 %
Females 18+yrs: 35 – 47 %
Males 9-17yrs: 36 – 47%
Males 18+yrs: 39 – 54%

MCV 0-29 days: 102 – 115 fL
 30d–1 yr: 72 – 88 fL
 2-8 yrs: 76 – 90 fL
 9-17 yrs: 78 - 95 fL
 18+ yrs: 80 - 100 fL

MCH 0-5 yrs: 23.0-29.0 pg
 6-17 yrs: 25.0-30.0 pg
 18+ yrs: 27.7-33.5 pg

MCHC 32 - 36 g/dL

RDW 0-29 days: 13.0 – 18.0 %
 30d – 1yrs: 11.5 – 16.0 %
 2-8 yrs: 11.5 – 15.0 %
 9-17yrs: 11.5 – 14.0 %
 18+yrs: 11.5 – 14.5 %

PLT 150 – 450 x10E3/uL

MPV 6.5 – 10 fL