

LAB9294 Hemoglobin and Hematocrit (Nova)

BMC, CRH, LFH, OCH, FTT, FOX



Important Note

LAB ORDER ONLY - H & H Prime Plus

Performing Location(s)

BMC, CRH, LFH, OCH, FTT, FOX

Specimen Type

Whole Blood

Preferred Container

4.0 mL Dark Green Lithium Heparin Tube

Alternate Container

Lithium Heparin (Short Dark Green top tube or Mint Green unspun) at room temperature.

DO NOT CENTRIFUGE GREEN TOP TUBE

Minimum Volume to Submit for Testing

2.0 mL Whole Blood

Causes for Rejection

Mislabeled or unlabeled specimen

Less than 50% draw for vacutainer tubes

Specimen Clotted

EDTA, NaF

Sodium Heparin Tube

Specimen >12 hours at room temperature

Specimen >2 hours refrigerated

Reference Values

Hematocrit				
Population	Units	Reference Range	High Critical Value	Low Critical Value
<1 month	%	42 - 60	60	< 35
1 month - 5 month	%	33 - 55	60	< 21
5 month - 2 years	%	31 - 41	60	< 21
2 years - 6 years	%	34 - 40	60	< 21
6 years - 12 years	%	35 - 45	60	< 21
Female > 12 years	%	34 - 46	60	< 21
Male > 12 years	%	35 - 50	60	< 21

Hemoglobin			
Population	Units	Reference Range	Low Critical Value
<1 month	g/dL	13.0 - 19.0	< 7.0
1 month - 5 month	g/dL	11.0 - 17.0	< 7.0
5 month - 2 years	g/dL	11.0 - 14.0	< 7.0
2 years - 6 years	g/dL	11.0 - 13.0	< 7.0
6 years - 12 years	g/dL	11.0 - 15.0	< 7.0
Female > 12 years	g/dL	11.5 - 15.5	< 7.0
Male > 12 years	g/dL	11.5 - 18.0	< 7.0

Available STAT

Yes

Methodology

NovaBio Medical Prime Plus

CPT Code

85014, 85018