



University of Colorado Hospital

ANSCHUTZ MEDICAL CAMPUS

Test Update Hemoglobin Electrophoresis Delay in Testing

Effective immediately, results for Hemoglobin Electrophoresis blood testing will be delayed due to instrumentation problems. All samples will be sent out to a referral laboratory until further notice. Reference laboratory turnaround time for Hemoglobin Electrophoresis is 1-7 days.

Test Name	HGB ELEC						
Method	High Performance Liquid Chromatography/Electrophoresis						
Specimen	EDTA						
Minimum volume	5 mL						
Performed	Sun - Sat						
Reported	1 – 7 days						
Age-Defined Normal Hemoglobin Reference Intervals:							
Age	Hb A %	Hb A ₂ %	Hb F %	Hb S %	Hb C %	Hb E %	Other %
0-1 month	17.7-54.0	0.0-1.3	46.0-81.0	0.0	0.0	0.0	0.0
2 months	37.1-70.6	0.4-1.9	29.0-61.0	0.0	0.0	0.0	0.0
3 months	41.0-84.0	1.0-3.0	15.0-56.0	0.0	0.0	0.0	0.0
4 months	68.2-88.6	2.0-2.8	9.4-29.0	0.0	0.0	0.0	0.0
5 months	74.9-95.6	2.1-3.1	2.3-22.0	0.0	0.0	0.0	0.0
6-8 months	83.5-95.8	1.9-3.5	2.3-13.0	0.0	0.0	0.0	0.0
9-12 months	91.7-96.7	2.0-3.3	1.3-5.0	0.0	0.0	0.0	0.0
13-23 months	94.5-98.2	1.6-3.5	0.2-2.0	0.0	0.0	0.0	0.0
2 years and older	94.3-98.5	1.5-3.7	0.0-2.0	0.0	0.0	0.0	0.0
CPT	83021						

Please call Mary Ellen Boyle, Chief Technologist at 720-848-7067 if you have any questions or visit our website at <http://www.uch.edu/for-healthcare-professional/Clinical-Laboratory/index.aspx> for additional information.

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Clinical Laboratory
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