

News

Clinical Laboratory Test Update

Hemoglobin Electrophoresis

Effective July 13, 2022, the University of Colorado Hospital Clinical Laboratory is utilizing a new instrument for Hemoglobin Electrophoresis (HGB ELECT) testing. The initial screening is performed by method Capillary Electrophoresis and any subsequent confirmation testing will be performed by Isoelectric focusing (IEF).

A Complete Blood Count (CBC) is required for interpretation. If a CBC is not performed within 7 days of the HGB ELECT, one will be ordered and billed.

Test name	Hemoglobin Electrophoresis			
EAP	LAB3757			
Method	Capillary Electrophoresis			
Performed	Monday, Wednesday, Friday			
Reported	7-10 days			
Reference Range	Age	Hb A	Hb A2	Hb F
	Birth to 3 months	5-80%	0-3.0%	15-95%
	4 mo to 12 mo	40-97%	0.5-3.5%	0.6-60%
	1 year to 2 years	85-98%	2.0-3.5%	0-10%
	2 years to Adult	94.5-98%	2.0-3.5%	0-2%
CPT	83020 Hemoglobin Electrophoresis If needed, 83021 Isoelectric Focusing (IEF) If needed, 85027 Complete Blood Count (CBC)			

Please contact Mary Ellen Boyle at 720-848-7062 if you have any questions, or visit our website at <https://www.testmenu.com/universityhospital> for additional information.

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