

Test Update: 6 Month to Adult Hemoglobin Electrophoresis

Date: April 1, 2021

Dear Regional Pathology Services Clients,

Starting Thursday, April 8th, the Core Laboratory will again be offering in-house hemoglobin analysis and hemoglobin S, A2 and F quantitation via isoelectric focusing and capillary zone electrophoresis for ages 6 months to adults (test codes: HGBEP, HGBS, HGBA2 and HGBF respectively). Due to the fact that the capillary zone electrophoresis procedure is not validated for infants less than 30 days of age, Newborn Hemoglobin Confirmations (test code: HGBEL) will continue to be a send-out to ARUP laboratories. Thanks for your patience with these changes.

Specimen Requirements: Same; 5ml Lavender (EDTA). Full test information can be found below:

Hemoglobin Electrophoresis w/ Interpretation-[HGBEP](#). *New: A CBC result is requested to accompany the specimen for Hemoglobin Electrophoresis with Interpretation (HGBEP) and may have been performed within the last 30 days.*

Hemoglobin S Quantitation-[HGBS](#)

Hemoglobin A2 Quantitation-[HGBA2](#) *Note: Reference range is changing from 2.0 - 3.5% to Adult Reference Range: 2.0 to 3.3%. Reference range must be considered only when hemoglobin variants are absent. Hemoglobin A2 may be falsely normal if Iron Deficiency Anemia co-exists with Beta Thalassemia. (Suggest repeat Hemoglobin A2 quantitation after treatment of IDA if present and thalassemia suspected).*

Hemoglobin F Quantitation-[HGF](#)

Turnaround: Performed weekly on Thursdays. Hemoglobin S Quants available on a STAT basis Monday through Friday.

If you have any questions or issues with these changes, please contact client services at 402-559-6420 or contact your client coordinator <http://www.reglab.org/contact-us/>