

**To:** Clients of URMCLabs

**From:** Richard Burack, MD PhD.  
Director, Hematopathology Section

**Re:** New Methodology and Reference Ranges for Hemoglobin Electrophoresis

**Date:** 7/20/2011

NYS requires that providers are notified of changes in laboratory methods.

On 7/25/2011, the method for Hemoglobin Electrophoresis will be converted to a new method: Capillary Electrophoresis.

In addition to quantifying the normal Hgbs (A, F, and A2), the new method also identifies hemoglobin variants, particularly S, C, E, and D.

Collection container remains the same (Lavender – EDTA)

**New Adult Reference Ranges:**

Hgb A: between 96.8 and 97.8%  
Hgb F: <0.5 %  
Hgb A2: between 2.2 and 3.2%

Any questions can be directed to Dr. Burack @ 273-1885 or [Richard\\_Burack@urmc.rochester.edu](mailto:Richard_Burack@urmc.rochester.edu)