MEMORANDUM

To: Hospitals, Birthing Centers, Health Departments, and Physician Offices

From: Scott J. Zimmerman, DrPH, MPH, HCLD (ABB), Laboratory Director
       Shu Chaing, Ph.D., Manager, Newborn Screening

Date: May 14, 2015

Re: Lower limit of quantitation for galactose 1-phosphate uridyltransferase (GALT).

Effective June 1, 2015, the Newborn Screening Unit of the North Carolina State Laboratory of Public Health (NCSLPH) will implement a new lower limit of quantitation (LoQ) for galactose 1-phosphate uridyltransferase (GALT). This new LoQ of 0.5 U/gHb has been verified through testing of NBS samples received by NCSLPH. On test reports, any GALT value found to be less than (<) 0.5 U/gHb will be reported as <0.5 U/gHb.

NBS samples reported for GALT as greater than or equal to (≥) 2.2 U/g will be reported as Normal. If the GALT result is <2.2 U/g Hb, then the specimen will be reflexed for GALT DNA testing.

If you have any questions, please contact Dr. Shu Chaing (919-807-8880), Radish Persaud (919-807-8829) or Lara Percenti (919-707-5634).