

Newborn Screening Quality Assurance Program
 Galactose 1-phosphate Uridyltransferase Quality Control Specimen Certification
 Set 2— July 11, 2016
Analysis Method: PerkinElmer Neonatal GALT Kit
Material Expiration Date: January 2017

GALT ENZYME ACTIVITY LEVELS

<i>Analyte</i>	<i>Lot</i>	<i>Lot</i>	<i>Lot</i>
Galactose-1-phosphate Uridyltransferase (GALT) (U/g Hb)	A1603 Low	B1603 Intermediate	C1603 High

ANALYTICAL INFORMATION

<i>Analyte</i>	<i>Lot</i>	<i>Mean/ 95% CL</i>	<i>Lot</i>	<i>Mean/ 95% CL</i>	<i>Lot</i>	<i>Mean/ 95% CL</i>
GALT (U/g Hb)	A1603	$\bar{x} = 1.4$ CL = 1.2 – 1.7	B1603	$\bar{x} = 3.3$ CL = 3.0 – 3.7	C1603	$\bar{x} = 7.1$ CL = 5.7 – 8.6

Note: The values provided in the above tables are for reference use only. The mean value and confidence limits (CL) are determined by CDC for each Quality Control (QC) lot. Each participating laboratory must establish its own mean values and CL for its test method with these QC materials. Temporary estimates of mean values and CL can be determined after 10 successive, independent measurements.

Reference: Slazyk WE, Hannon WH. *Quality Assurance in the newborn screening laboratory.* In: Therrell BL Jr, editor. *Laboratory methods for neonatal screening.* Washington (DC): American Public Health Association, 1993:23-46.