

Newborn Screening Quality Assurance Program

Quality Control Specimen Certification
Lot 1391- 1394 — January 13, 2014

IRT Method: FIA

ANALYTICAL INFORMATION

<i>Lot Numbers, Mean Values (\bar{x}), and 95% Confidence Limits (CL)</i>								
<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>	<i>Lot</i>	<i>Mean/ 95% CL</i>
Immunoreactive Trypsinogen (ng/mL blood)	1391	$\bar{x} = 16.9$ CL 13.6-20.1	1392	$\bar{x} = 54.4$ CL = 48.4-60.4	1393	$\bar{x} = 107.3$ CL = 92.0-122.7	1394	$\bar{x} = 188.6$ CL = 164.2-213.0

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 20 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.