



Newborn Screening Quality Assurance Program

Quality Control Specimen Certification Immunoreactive Trypsinogen Set 1— January 7, 2013

Transition Lot (291-294) ANALYTICAL INFORMATION

Lot Numbers, Mean Values (\bar{x}), and 95% Confidence Limits (CL)

Analyte	Lot	Mean/ 95% CL	Lot	Mean/ 95% CL	Lot	Mean/ 95% CL	Lot	Mean/ 95% CL
IRT	291	$\bar{x} = 15.2$ CL 8.7-21.7	292	$\bar{x} = 45.2$ CL = 36.7-53.7	293	$\bar{x} = 85.1$ CL = 71.0-99.2	294	$\bar{x} = 139.9$ CL = 113.3-166.6

ANALYTICAL INFORMATION

Lot Numbers, Mean Values (\bar{x}), and 95% Confidence Limits (CL)

Analyte	Lot	Mean/ 95% CL	Lot	Mean/ 95% CL	Lot	Mean/ 95% CL	Lot	Mean/ 95% CL
IRT	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	294	$\bar{x} = 188.6$ 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 10 successive, independent measurements. 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.