



**Newborn Screening Quality Assurance Program
Data Verification and Evaluation**

Year: 2020 Quarter: 1

Lab: 773

Data Verification and Evaluation

Year: 2020 Quarter: 1

Lab: 773

Acylcarnitines

Analyte	Specimen 2010601		Specimen 2010602		Specimen 2010603		Specimen 2010604		Specimen 2010605	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
C0(L)										
C2(L)										
C3										
C3DC										
C3DC+ C4OH										
C4										
C4OH										
C5										
C5:1										
C5DC										
C5OH										
C6										
C8										
C10										
C10:1										
C10:2										
C14										
C14:1										
C16										
C16OH										
C18										
C18:1										
C18OH										

Codes: 1 = Within normal limits 2 = Outside normal limits

*= No quantitative data reported

Data Verification and Evaluation

Year: 2020 Quarter: 1

Lab: 773

Amino Acids

Analyte	Specimen 2010501		Specimen 2010502		Specimen 2010503		Specimen 2010504		Specimen 2010505	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
Arg										
Cit										
Leu	112.9	1	114.4	1	718.7	2	174.5	1	176.5	1
Met	17.2	1	18.1	1	19.7	1	182.0	2	21.9	1
Phe	351.1	2	48.4	1	47.1	1	41.3	1	84.7	1
SUAC										
Tyr	54.1	1	61.6	1	56.9	1	107.7	1	1037.7	2
Val	219.2	1	218.0	1	762.7	2	240.1	1	221.2	1

Codes: 1 = Within normal limits 2 = Outside normal limits

*= No quantitative data reported

Data Verification and Evaluation

Year: 2020 Quarter: 1

Lab: 773

Biotinidase Deficiency

Analyte	Specimen 2010701		Specimen 2010702		Specimen 2010703		Specimen 2010704		Specimen 2010705	
		Code		Code		Code		Code		Code
BIOT		1		2		1		1		2

Codes: 1 = Normal activity 2 = Deficiency 3 = Partial deficiency

*= No quantitative data reported

Data Verification and Evaluation

Year: 2020 Quarter: 1

Lab: 773

Galactose-1-Phosphate Uridyltransferase Deficiency

Analyte	Specimen 2010901		Specimen 2010902		Specimen 2010903		Specimen 2010904		Specimen 2010905	
	Code	Code	Code	Code	Code	Code	Code	Code	Code	
GALT		2		1		1		1		1

Codes: 1 = Within normal limits 2 = Outside normal limits

Data Verification and Evaluation

Year: 2020 Quarter: 1

Lab: 773

Glucose-6-Phosphate Dehydrogenase

Analyte	Specimen 2010301		Specimen 2010302		Specimen 2010303		Specimen 2010304		Specimen 2010305	
	Code	Code	Code	Code	Code	Code	Code	Code	Code	
G6PD		2		1		1		2		2

Codes: 1 = Within normal limits 2 = Outside normal limits

Data Verification and Evaluation

Year: 2020 Quarter: 1

Lab: 773

Hormones and Galactose

Analyte	Specimen 2010101		Specimen 2010102		Specimen 2010103		Specimen 2010104		Specimen 2010105	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
T4	18.5		30.4		24.2		28.0		2.0	
TSH	11.5	1	9.0	1	7.2	1	7.8	1	35.9	2
17OHP	14.9	1	8.5	1	3.8	1	136.8	2	6.6	1
TGal	1.7	1	24.2	2	1.2	1	1.1	1	1.2	1

Codes: 1 = Within normal limits 2 = Outside normal limits

Data Verification and Evaluation

Year: 2020 Quarter: 1

Lab: 773

Immunoreactive Trypsinogen

Analyte	Specimen 2010801		Specimen 2010802		Specimen 2010803		Specimen 2010804		Specimen 2010805	
	Code	Code	Code	Code	Code	Code	Code	Code	Code	
IRT	35.0	1	317.0	2	303.0	2	18.0	1	78.0	2

Codes: 1 = Within normal limits 2 = Outside normal limits

NSQAP REVIEWER'S COMMENTS	
<p>When your reported clinical assessment (RA) differs from our expected clinical assessment (EA), the grading algorithm is used to evaluate test performance. On the Data Entry Main Menu, Click Grading Algorithm for an explanation of how it works. Cystic Fibrosis specimen 2010805 -- false positive False positives are expected outcomes of the screening process.</p>	
<p>Results have been reviewed by the Laboratory Director or his/her Designee:</p>	
<p>_____</p> <p>Signature</p>	<p>_____</p> <p>Date</p>

If you have any questions about your results, please contact the Newborn Screening Quality Assurance Program Office at 770-488-4285 or Fax 770-488-4255 or Email NSQAPDMT@cdc.gov.