



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

Year: 2018 Quarter: 1

Lab: 773

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Acylcarnitines

Analyte	Specimen 11861		Specimen 11862		Specimen 11863		Specimen 11864		Specimen 11865	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
C0(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

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Amino Acids

Analyte	Specimen 11851		Specimen 11852		Specimen 11853		Specimen 11854		Specimen 11855	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
Arg										
Cit										

Leu	176.4	1	172.3	1	184.4	1	136.5	1	141.1	1
Met	10.5	1	11.3	1	218.5	2	17.6	1	18.4	1
Phe	351.0	2	57.4	1	63.1	1	36.5	1	56.5	1
SUAC										
Tyr	100.1	1	98.0	1	1008.8	2	942.6	2	83.7	1
Val	253.5	1	244.6	1	262.4	1	235.2	1	238.7	1

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

*= No quantitative data reported

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Biotinidase Deficiency

Analyte	Specimen 11871		Specimen 11872		Specimen 11873		Specimen 11874		Specimen 11875	
		Code		Code		Code		Code		Code
BIOT		1		2		1		1		1

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

*= No quantitative data reported

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Galactose-1-Phosphate Uridyltransferase Deficiency

Analyte	Specimen 11891		Specimen 11892		Specimen 11893		Specimen 11894		Specimen 11895	
		Code		Code		Code		Code		Code
GALT		2		2		1		1		1

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Glucose-6-Phosphate Dehydrogenase

Analyte	Specimen 11831		Specimen 11832		Specimen 11833		Specimen 11834		Specimen 11835	
		Code		Code		Code		Code		Code
G6PD		2		2		1		1		1

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

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Hormones and Galactose

Analyte	Specimen 11811		Specimen 11812		Specimen 11813		Specimen 11814		Specimen 11815	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
T4	2.0		14.5		14.4		14.3		17.2	
TSH	110.6	2	3.2	1	1.8	1	3.5	1	7.0	1
17OHP	2.9	1	0.5	1	4.1	1	0.2	1	63.9	2
TGal	3.7	1	30.7	2	5.6	1	34.3	2	3.7	1

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

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Immunoreactive Trypsinogen

Analyte	Specimen 11881		Specimen 11882		Specimen 11883		Specimen 11884		Specimen 11885	
		Code		Code		Code		Code		Code
IRT	349.1	2	375.8	2	22.7	1	117.8	2	76.4	2

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

NSQAP REVIEWER'S COMMENTS

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 11884 -- false positive

Cystic Fibrosis specimen 11885 -- false positive

False positives are expected outcomes of the screening process.

Results have been reviewed by the Laboratory Director or his/her Designee:

Signature

Date

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.