



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

Year: 2018 Quarter: 4

Lab: 773

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Acylcarnitines

Analyte	Specimen 41861		Specimen 41862		Specimen 41863		Specimen 41864		Specimen 41865	
	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 41851		Specimen 41852		Specimen 41853		Specimen 41854		Specimen 41855	
	Result	Code								

Arg										
Cit										
Leu	290.5	1	219.5	1	120.4	1	1368.4	2	162.7	1
Met	27.1	1	145.8	2	15.8	1	11.5	1	162.3	2
Phe	229.9	2	62.7	1	83.3	1	60.4	1	64.0	1
SUAC										
Tyr	179.5	1	123.6	1	120.1	1	69.0	1	250.5	1
Val	483.1	2	271.7	1	196.2	1	892.8	2	184.8	1

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

*= No quantitative data reported

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Biotinidase Deficiency

Analyte	Specimen 41871		Specimen 41872		Specimen 41873		Specimen 41874		Specimen 41875	
		Code								
BIOT		2		1		2		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 41891		Specimen 41892		Specimen 41893		Specimen 41894		Specimen 41895	
		Code								
GALT		1		1		2		2		1

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

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Glucose-6-Phosphate Dehydrogenase

Analyte	Specimen 41831		Specimen 41832		Specimen 41833		Specimen 41834		Specimen 41835	
		Code								
G6PD		1		2		1		1		1

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

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Hormones and Galactose

Analyte	Specimen 41811		Specimen 41812		Specimen 41813		Specimen 41814		Specimen 41815	
	Result	Code								
T4	15.0		15.7		0.7		20.5		1.6	
TSH	3.4	1	12.8	1	66.8	2	4.6	1	77.0	2
17OHP	12.1	1	9.9	1	5.2	1	8.7	1	5.9	1
TGal	2.4	1	14.5	2	1.9	1	1.9	1	2.9	1

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

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Immunoreactive Trypsinogen

Analyte	Specimen 41881		Specimen 41882		Specimen 41883		Specimen 41884		Specimen 41885	
		Code								
IRT	212.0	2	222.0	2	13.9	1	82.0	2	54.0	1

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 41884 -- 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.