



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

Year: 2019 Quarter: 4

Lab: 773

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Acylcarnitines

Analyte	Specimen 41961		Specimen 41962		Specimen 41963		Specimen 41964		Specimen 41965	
	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

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Amino Acids

Analyte	Specimen 41951		Specimen 41952		Specimen 41953		Specimen 41954		Specimen 41955	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
Arg										
Cit										
Leu	708.1	2	133.3	1	139.0	1	143.3	1	124.8	1
Met	24.3	1	19.2	1	35.4	1	32.1	1	203.6	2
Phe	66.7	1	80.5	1	60.8	1	79.1	1	71.8	1
SUAC										
Tyr	48.4	1	67.1	1	1343.2	2	74.1	1	50.1	1
Val	713.4	2	215.4	1	206.6	1	207.9	1	176.9	1

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

*= No quantitative data reported

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Biotinidase Deficiency

Analyte	Specimen 41971		Specimen 41972		Specimen 41973		Specimen 41974		Specimen 41975	
		Code		Code		Code		Code		Code
BIOT		2		2		1		2		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 41991		Specimen 41992		Specimen 41993		Specimen 41994		Specimen 41995	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
GALT		1		1		1		1		2

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Glucose-6-Phosphate Dehydrogenase

Analyte	Specimen 41931		Specimen 41932		Specimen 41933		Specimen 41934		Specimen 41935	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
G6PD		2		2		1		1		2

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

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Hormones and Galactose

Analyte	Specimen 41911		Specimen 41912		Specimen 41913		Specimen 41914		Specimen 41915	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
T4	1.5		16.0		16.3		18.1		16.1	
TSH	48.2	2	4.8	1	9.9	1	5.1	1	4.6	1
17OHP	9.0	1	92.7	2	8.1	1	8.5	1	7.7	1
TGal	2.7	1	2.7	1	2.8	1	17.5	2	3.8	1

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

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Immunoreactive Trypsinogen

Analyte	Specimen 41981		Specimen 41982		Specimen 41983		Specimen 41984		Specimen 41985	
	Result	Code	Result	Code	Result	Code	Result	Code	Result	Code
IRT	13.9	1	33.5	1	286.4	2	13.5	1	289.6	2

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

NSQAP REVIEWER'S COMMENTS	
Biotinidase Deficiency specimen 41972 -- 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.