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Newborn Screening Quality Assurance Program Data Verification and Evaluation

Year: 2019 Quarter: 1 Lab: 773

Data Verification and Evaluation

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Acylcarnitines

Analyte	Spec 119	Specimen 11961		Specimen 11962		cimen 963	Spec 119	imen 964	Specimen 11965	
•	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

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Amino Acids

Analyte	Specimen 11951		Specimen 11952		Specimen 11953		Specimen 11954		Specimen 11955	
	Result	Code								
Arg										
Cit						·				

^{*=} No quantitative data reported

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https://wwwn.cdc.gov/NSQAP/Restricted/Reports/RptDataVerificatio...

Leu	111.1	1	139.2	1	154.3	1	196.4	1	65.5	1
Met	43.3	1	37.5	1	27.6	1	56.4	1	149.3	2
Phe	98.4	1	419.4	2	59.3	1	99.4	1	78.5	1
SUAC										
Tyr	165.5	1	74.1	1	247.8	2	207.0	1	107.6	1
Val	142.0	1	179.5	1	188.0	1	150.1	1	117.4	1

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

^{*=} No quantitative data reported

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Biotinidase Deficiency

Analyte	Specimen 11971		Specimen 11972		Specimen 11973		Specimen 11974		imen 975
Í		Code	Code		Code		Code		Code
BIOT		1	2		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 11991		Specimen 11992		Specimen 11993		Specimen 11994		Specimen 11995	
	•		Code								
Ī	GALT		1		1		2		1		2

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

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Glucose-6-Phosphate Dehydrogenase

Analyte	Specimen 11931		Specimen 11932		Specimen 11933		Specimen 11934		Specimen 11935	
,		Code								
G6PD		1		1		1		2		1

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

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Hormones and Galactose

Analyte	Specimen 11911		Specimen 11912		Specimen 11913		Specimen 11914		Specimen 11915	
·	Result	Code								
T4	16.0		0.9		17.0		15.0		14.0	
TSH	9.0	1	61.0	2	5.6	1	4.2	1	4.1	1
17OHP	7.5	1	7.3	1	102.6	2	12.4	1	7.2	1
TGal	3.6	1	2.6	1	2.7	1	2.2	1	16.2	2

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

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Immunoreactive Trypsinogen

Analyte	Specimen 11981		Specimen 11982		Specimen 11983		Specimen 11984		Specimen 11985	
		Code								
IRT	255.0	2	10.9	1	331.0	2	51.7	1	15.0	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.

Tyrosine specimen 11953 -- 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

https://wwwn.cdc.gov/NSQAP/Restricted/Reports/RptDataVerificatio...

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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.