

Ordered By

Physician Name: Physician, Test

Reason for Referral: seizures**Patient Name:** Test, CSF AA

Accession #: R5004

Specimen #: X5004

Specimen: CSF

Birthdate: 07/08/2009

Age: 11

Gender: Unknown

MRN #: 198191

Collected: 08/04/2020

Ethnicity:

Received: 08/05/2020

CSF Amino Acid Analysis - Quantitative**RESULTS**

ANALYTE	REFERENCE RANGE*	RESULT*	FLAG
Alanine	16-74	1	L
Arginine	10-40	2	L
Asparagine	4-17	3	L
Aspartate	0-6	4	
Citrulline	1-7	5	
Creatine	24-66	6	L
Creatinine	29-121	7.0	L
Glutamate	0-42	8	
Glutamine	265-879	9	L
Glycine	3-32	10	
Guanidinoacetate	0-0.41	11.0	H
Histidine	8-27	12	
Isoleucine	2-16	13	
Leucine	6-33	14	

ANALYTE	REFERENCE RANGE*	RESULT*	FLAG
Lysine	12-48	15	
Methionine	1-10	16	H
Ornithine	3-16	17	H
Phenylalanine	6-32	18	
Pipecolate	0-0.29	19.0	H
Proline	0-3	20	H
Serine	16-62	21	
Sulfocysteine	0-1	22	H
Taurine	3-19	23	H
Threonine	14-72	24	
Tryptophan	1-4	25	H
Tyrosine	5-26	26	
Valine	9-43	27	

*Values in micromols/L

INTERPRETATION

Mock Report

ASSAY INFORMATION

Method

Liquid chromatography tandem mass spectrometry (LC-MS/MS)

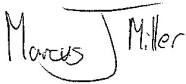
Limitations/Disclaimer

False negative results can occur in rare situations when diet and/or clinical condition masks or normalizes disease relevant analyte perturbations. In addition, false negatives may occur when disease presentation is intermittent or the result of a mild defect. Results should always be viewed in the context of clinical presentation and concurrent laboratory studies.

This test was developed and its performance characteristics determined by Indiana University Biochemical Genetics Laboratory. It has not been cleared or approved by the U.S. Food and Drug Administration. This test is used for clinical purposes. It should not be regarded as investigational or for research. The laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA '88) as qualified to perform high complexity clinical laboratory testing. CLIA# 15D0647198 • CAP# 1678930

ELECTRONICALLY SIGNED BY

Marcus J. Miller, Director of the Biochemical Genetics Laboratory, 08/05/2020

Handwritten signature of Marcus J. Miller in black ink.

IU Genetic Testing Laboratories

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