GENETIC TESTING LABORATORIES

Biochemical Genetics Laboratory **08/05/2020**

Ordered By
Physician Name: Physician, Test

Reason for Referral: kidney stones

Patient Name: Test, urineAA
Accession #: R5003 Specimen #: X5003
Specimen: Urine
Birthdate: 08/05/2019 Age: 1
Gender: Male
MRN #: 151911 Collected: 08/04/2020
Ethnicity: Caucasian Received: 08/05/2020

Urine Amino Acid Analysis - Quantitative

RESULTS

ANALYTE	REFERENCE RANGE*	RESULT*	FLAG
3-Methyl-histidine	*0-682*	**18**	
Alanine	*0-2090*	**5**	
Alloisoleucine	*0-25*	**10**	
Alpha-aminoadipate	*0-516*	**15**	
Alpha-amino-n-butyrate	*0-106*	**20**	
Anserine	*0-820*	**3**	
Arginine	*0-262*	**25**	
Argininosuccinate	*0-61*	**30**	
Asparagine	*0-970*	**35**	
Aspartate	*0-308*	**40**	
Beta-alanine	*0-496*	**0**	
Beta-AminoIsobutyrate	*0-1742*	**491**	
Citrulline	*0-123*	**46**	
Creatine/Creatinine Ratio	*0-1.55*	**0.46**	
Creatinine	*5.8-85.8*	**19.8**	
Cystathionine	*0-159*	**20**	
Cystine	*0-212*	**15**	
Delta-aminolevulinate	*0-42*	**13**	
Gamma-amino-n-butyrate	*0-43*	**30**	
Glutamate	*0-376*	**61**	
Glutamine	*0-3112*	**66**	

ANALYTE	REFERENCE RANGE*	RESULT*	FLAG
Glycine	*0-9207*	**71**	
Guanidinoacetate	*30-1200*	**75.9**	
Histidine	*0-3879*	**81**	
Homocitrulline	*0-174*	**86**	
Homocystine	*0-7*	**91.0**	H
Hydroxyproline	*0-525*	**96**	
Isoleucine	*0-100*	**101**	H
Leucine	*0-269*	**106**	
Lysine	*0-666*	**111**	
Methionine	*0-69*	**116**	H
Ornithine	*0-119*	**121**	H
Phenylalanine	*0-326*	**126**	
Proline	*0-517*	**137**	
Sarcosine	*0-103*	**142**	H
Serine	*0-2249*	**147**	
Sulfocysteine	*0-87*	**2000**	H
Taurine	*0-3852*	**152**	
Threonine	*0-953*	**157**	
Tryptophan	*0-321*	**162**	
Tyrosine	*0-509*	**167**	
Valine	*0-254*	**172**	

IU Genetic Testing Laboratories
975 W. Walnut St., IB 350 Indianapolis, IN 46202 • Phone: (317) 274-2243 • Fax: (317) 278-1616
CLIA# 15D0647198 • CAP# 1678930

*Values in micromols/g creatinine
*Creatinine value in mg/dl
*Creatine/Creatinine value in mol/mol ratio

INTERPRETATION

Mock Report

ASSAY INFORMATION

Method

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

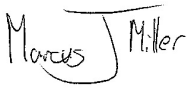
Limitations/Disclaimer

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



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