

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-Aminolsobutyrate	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	

*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



IU Genetic Testing Laboratories

975 W. Walnut St., IB 350 Indianapolis, IN 46202 • Phone: (317) 274-2243 • Fax: (317) 278-1616
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