



QUEST DIAGNOSTICS INCORPORATED
CLIENT SERVICE 866.697.8378

PATIENT INFORMATION
SCHUREMAN, FINN

REPORT STATUS **FINAL**

DOB: 09/14/2012 AGE: 2
GENDER: M FASTING: Y

ORDERING PHYSICIAN
NEUBRANDER, JAMES

SPECIMEN INFORMATION
SPECIMEN: F9579089
REQUISITION: T749820001786

ID: 09142012SF
PHONE: 856.404.9201

CLIENT INFORMATION
T74982 1000
JAMES NEUBRANDER, M.D.
485A ROUTE 1 S STE 320
ISELIN, NJ 08830-3012

COLLECTED: 07/23/2015 07:28
RECEIVED: 07/25/2015 03:14
REPORTED: 07/30/2015 04:08

COMMENTS: FASTING AN UPDATE OR CORRECTION HAS BEEN MADE TO NAME

Test Name	In Range	Out of Range	Reference Range	Lab
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A ACID ANALYSIS, LC/MS, (P)				QNI
INTERPRETATION	SEE NOTE			
	THIS PATTERN OF AMINO ACIDS DOES NOT SUGGEST A SPECIFIC INHERITED METABOLIC DEFECT.			

Interpretation reviewed by: Denise Salazar, Ph.D., DABMG.
IF YOU HAVE ANY QUESTIONS REGARDING THESE RESULTS, PLEASE CONTACT THE QUEST DIAGNOSTICS BIOCHEMICAL GENETICS LABORATORY AT 1-800-642-4657 ext 4817 or ext 4423 AND ASK TO SPEAK WITH THE LABORATORY DIRECTOR ON CALL. FOR GENERAL QUESTIONS ABOUT QUEST DIAGNOSTICS GENETIC TESTING, PLEASE CALL THE GENE INFO LINE AT 1-866-GENE-INFO.

DATE OF BIRTH	09/14/2012			
ASPARTIC ACID	6		1-8 umol/L	
GLUTAMIC ACID	27		9-109 umol/L	
HYDROXYPROLINE	15		6-32 umol/L	
SERINE	135		85-185 umol/L	
ASPARAGINE	45		23-70 umol/L	
ALPHA-AMINO ADIPIC ACID	<1		< OR = 2 umol/L	
GLYCINE	319		138-349 umol/L	
GLUTAMINE	683		405-923 umol/L	
SARCOSINE		13	H	< OR = 4 umol/L
BETA-ALANINE	2		< OR = 5 umol/L	
TAURINE	63		32-114 umol/L	
HISTIDINE	72		54-113 umol/L	
CITRULLINE	35		9-52 umol/L	
ARGININE	90		38-122 umol/L	
THREONINE	101		59-195 umol/L	
ALANINE	290		157-481 umol/L	
1-METHYLHISTIDINE	20		< OR = 27 umol/L	
GAMMA-AMINO BUTYRIC ACID	1		< OR = 2 umol/L	
3-METHYLHISTIDINE		7	H	1-6 umol/L
BETA-AMINO ISOBUTYRIC ACID	<2		< OR = 6 umol/L	
PROLINE	135		99-351 umol/L	
ETHANOLAMINE		4	L	5-15 umol/L
ALPHA-AMINO BUTYRIC ACID		31	H	6-30 umol/L
TYROSINE	53		31-108 umol/L	
VALINE	214		130-307 umol/L	

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Test Name	In Range	Out of Range	Reference Range	Lab
METHIONINE	25		14-37 umol/L	
CYSTATHIONINE	<1		<1 umol/L	
ISOLEUCINE	64		33-97 umol/L	
LEUCINE	111		65-179 umol/L	
HOMOCYSTINE	<1		<1 umol/L	
PHENYLALANINE	58		38-86 umol/L	
TRYPTOPHAN	68		30-94 umol/L	
ORNITHINE	44		33-103 umol/L	
LYSINE	168		98-231 umol/L	

PERFORMING LABORATORY INFORMATION:

 QNI Quest Diagnostics, Nichols Institute 33608 Ortega Highway San Juan Capistrano CA 92675
 Laboratory Director: Dr. Jon M. Nakamoto CLIA No: 05D0643352