**ARUP** Laboratories

500 Chipeta Way – Salt Lake City, UT 84108 (800)522-2787 - www.aruplab.com Julio C. Delgado, M.D. M.S., Director of Laboratories Patient Age/Gender: Unknown Unknown Printed: 11-Dec-19 17:08:59

Procedure	Result	Units	Ref Interval	Reported/ ACCESSION Collected Received Verified
Creatinine, Urine	46	mg/dL		19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
		3,		12:21:00 16:43:00 16:58:56
Organic Acids, Urine Interpretation	Normal f			19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19 12:21:00 16:43:00 16:58:56
Lactic Acid, Urine	46		[0-50]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
naccie Acia, offic	10			12:21:00 16:43:00 16:58:56
Pyruvic Acid, Urine	11		[0-15]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
Occupation and a strains	1.0		[0.00]	12:21:00 16:43:00 16:58:56 19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
Succinic Acid, Urine	19		[0-20]	12:21:00 16:43:00 16:58:56
Fumaric Acid, Urine	3		[0-4]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
•				12:21:00 16:43:00 16:58:56
2-Ketoglutaric Acid, Urine	62		[0-75]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19 12:21:00 16:43:00 16:58:56
Methylmalonic Acid, Urine	1		[0-5]	12:21:00 16:43:00 16:58:56 19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
Methylmatonic Acid, orine	1		[0-5]	12:21:00 16:43:00 16:58:56
3-OH-Butyric Acid, Urine	Not Detected		[0-4]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
- · · · · · · · · · · · · · · · · · · ·	_			12:21:00 16:43:00 16:58:56
Acetoacetic Acid, Urine	Not Detected		[0-4]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19 12:21:00 16:43:00 16:58:56
2-Keto-3-methylvaleric Acid, Urine	3		[0-10]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
Z Reco 5 meenyivaleire Acia, orine	3		[0 10]	12:21:00 16:43:00 16:58:56
2-Ketoisocaproic Acid, Urine	1		[0-4]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
				12:21:00 16:43:00 16:58:56 19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
2-Ketoisovaleric Acid, Urine	Not Detected		[0-4]	12:21:00 16:43:00 16:58:56
Ethylmalonic Acid, Urine	2		[0-4]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
•				12:21:00 16:43:00 16:58:56
Adipic Acid, Urine	12		[0-35]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
Outronia 2 militaria -	Mar Datastal		[0-3]	12:21:00 16:43:00 16:58:56 19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
Suberic Acid, Urine	Not Detected		[0-3]	12:21:00 16:43:00 16:58:56
Sebacic Acid, Urine	Not Detected		[0-3]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
•			• • • •	12:21:00 16:43:00 16:58:56
4-OH-phenylacetic Acid, Urine	13		[0-25]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19 12:21:00 16:43:00 16:58:56
4-OH-phenyllactic Acid, Urine	1		[0-4]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
4 on phenyllactic Acid, offine	_		[0-1]	12:21:00 16:43:00 16:58:56
4-OH-phenylpyruvic Acid, Urine	1		[0-2]	19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
			[0.0]	12:21:00 16:43:00 16:58:56 19-343-900129 09-Dec-19 09-Dec-19 09-Dec-19
Succinylacetone, Urine	Not Detected		[0-0]	12:21:00 16:43:00 16:58:56
				12 21 00 10 13 00 10 30 30

09-Dec-19 12:21:00 Organic Acids, Urine Interpretation:

Normal urine organic acids profile.

This procedure is a screening method that detects a wide variety of organic acidurias. No significant abnormalities were detected in this specimen. If the patient is currently well-compensated metabolically but has an underlying disorder, no abnormality may be detectable. Repeat testing during an acute episode is recommended if clinically indicated.

09-Dec-19 12:21:00 Organic Acids, Urine Interpretation:

Organic Acid, Urine results are reported in mmol/mol creatinine

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

\* Abnormal, # = Corrected, C = Critical, f = Footnote, H = High, L = Low, t = Interpretive Text, @ = Reference Lab

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