



Procedure	Result	Units	Ref Interval	Accession	Collected	Received	Reported/Verified
Creatinine, Urine	22	mg/dL		19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
Acylglycines, Urine Interpretation	See Note f			19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
Propionylglycine	<0.1		[0.0-0.1]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
Isobutyrylglycine	1.2		[0.0-1.5]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
Butyrylglycine	<0.1		[0.0-0.1]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
2-Methylbutyrylglycine	0.2		[0.0-0.4]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
Isovalerylglcine	1.0		[0.0-2.6]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
3-Methylcrotonylglycine	0.3		[0.0-0.5]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
Tiglylglycine	1.2		[0.0-1.8]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
Hexanoylglycine	16.6 H		[0.0-0.5]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
Phenylpropionylglycine	<0.1		[0.0-0.1]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34
Suberylglycine	6.7 H		[0.0-0.1]	19-343-900119	09-Dec-19 12:14:00	09-Dec-19 16:43:00	09-Dec-19 16:48:34

09-Dec-19 12:14:00 Acylglycines, Urine Interpretation:
 ABNORMAL. In this sample the excretion of hexanoylglycine and suberylglycine was markedly elevated. This is most consistent with MCAD (medium chain acyl-CoA dehydrogenase) deficiency, an inherited disorder of fatty acid oxidation. Would evaluate plasma acylcarnitine profile and urine organic acids to confirm this finding, and consider mutational analysis of the ACADM gene. Would also recommend testing of siblings and parents. This disease can lead to life-threatening illness. Urgent genetic and metabolic evaluations are recommended.

09-Dec-19 12:14:00 Acylglycines, Urine Interpretation:
 Acylglycines 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