

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 12/31/2022
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Acylglycines, Quantitative, Urine

ARUP test code 0081170

Creatinine, Urine 7 mg/dL

This urine specimen contains less than 10 mg/dL creatinine and may be too dilute for accurate testing. Repeat analysis on a more concentrated urine specimen is recommended if clinically indicated.

Acylglycines, Urine Interpretation

See Note

In this sample the excretion of butyrylglycine was increased. No other acylglycine species were elevated. This can be seen in SCAD deficiency, an inherited disorder of fatty acid oxidation with variable clinical phenotype. would evaluate urine organic acids and consider fibroblasts studies and mutational analysis of the SCAD gene to confirm this finding. Genetic evaluation is recommended.

Acylglycines results are reported in mmol/mol creatinine.

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

Propionylglycine <0.2 (Ref Interval: 0.0-0.4)

Isobutyrylglycine <0.1 (Ref Interval: 0.0-2.4)

Butyrylglycine **2.2 H (Ref Interval: 0.0-0.5)**

2-Methylbutyrylglycine 0.3 (Ref Interval: 0.0-2.6)

Isovalerylglycine 0.3 (Ref Interval: 0.0-3.9)

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

3-Methylcrotonylglycine	0.1	(Ref Interval: 0.0-1.9)
Tiglylglycine	0.5	(Ref Interval: 0.0-7.7)
Hexanoylglycine	0.3	(Ref Interval: 0.0-1.0)
Phenylpropionylglycine	<0.1	(Ref Interval: 0.0-0.1)
Suberylglycine	0.2	(Ref Interval: 0.0-1.2)

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Creatinine, Urine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Acylglycines, Urine Interpretation	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Propionylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Isobutyrylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Butyrylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
2-Methylbutyrylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Isovalerylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
3-Methylcrotonylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Tiglylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hexanoylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Phenylpropionylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Suberylglycine	23-220-102911	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: