

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 5/23/2021
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Acylglycines, Quantitative, Urine

ARUP test code 0081170

Creatinine, Urine 17 mg/dL

Acylglycines, Urine Interpretation

See Note

In this sample the excretion of 2-methylbutyrylglycine was markedly elevated and consistent with 2-methylbutyrylglycinuria (2-methylbutyryl-CoA dehydrogenase deficiency), an inherited disorder of isoleucine metabolism. Would consider DNA studies 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 <0.1 (Ref Interval: 0.0-0.1)

Isobutyrylglycine 0.3 (Ref Interval: 0.0-1.5)

Butyrylglycine <0.1 (Ref Interval: 0.0-0.1)

2-Methylbutyrylglycine **17.3 H** (Ref Interval: 0.0-1.0)

Isovalerylglycine 0.5 (Ref Interval: 0.0-1.6)

3-Methylcrotonylglycine 0.3 (Ref Interval: 0.0-0.6)

Tiglylglycine 1.5 (Ref Interval: 0.0-3.4)

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

Unless otherwise indicated, testing performed at:

Hexanoylglycine 0.2 (Ref Interval: 0.0-0.8)

Phenylpropionylglycine <0.1 (Ref Interval: 0.0-0.1)

Suberylglycine 0.5 (Ref Interval: 0.0-0.5)

VERIFIED/REPORTED DATES				
Procedure	Accession	Collected	Received	Verified/Reported
Creatinine, Urine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Acylglycines, Urine Interpretation	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Propionylglycine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Isobutyrylglycine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Butyrylglycine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
2-Methylbutyrylglycine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Isovalerylglycine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
3-Methylcrotonylglycine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Tiglylglycine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hexanoylglycine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Phenylpropionylglycine	21-173-109254	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Suberylglycine	21-173-109254	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