

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 1/26/2024  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Glutaryl carnitine Quantitative, Urine**

ARUP test code 2001510

Creatinine, Urine 3 mg/dL

This specimen contains less than 5 mg/dL creatinine and may be too dilute for accurate testing. Repeat analysis on a more concentrated urine specimen is recommended if clinically indicated. Assay was performed at client's request on a sub-optimal (dilute) specimen.

Glutaryl carnitine, Urine Interpretation

See Note

ABNORMAL. In this sample the excretion of C5DC carnitine was markedly increased. This is consistent with glutaric acidemia type I, an autosomal recessive disorder of lysine and tryptophan metabolism. Would consider DNA analysis to confirm this finding. Siblings should be screened for this condition. Urgent genetic and metabolic evaluations are recommended.

Results reviewed and interpreted by [REDACTED]

Glutaryl carnitine, Urine

**22.9 mmol/mol CRT**

**H (Ref Interval: <=2.0)**

INTERPRETIVE INFORMATION: Glutaryl carnitine Quantitative, Urine

If patient is receiving carnitine supplements, results may not be informative. Clinical correlation is recommended for interpretation of the result.

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.

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Creatinine, Urine	24-048-400635	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Glutaryl carnitine, Urine Interpretation	24-048-400635	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Glutaryl carnitine, Urine	24-048-400635	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:

ARUP LABORATORIES | 800-522-2787 | aruplab.com  
500 Chipeta Way, Salt Lake City, UT 84108-1221  
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 24-048-400635  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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