

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 9/9/1960
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Methylmalonic Acid (MMA) Quantitative, Urine

ARUP test code 0083918

Hours Collected: 24 hr

Per 24h calculations are provided to aid interpretation for collections with a duration of 24 hours and an average daily urine volume. For specimens with notable deviations in collection time or volume, ratios of analytes to a corresponding urine creatinine concentration may assist in result interpretation.

Total Volume: 1500 mL

Creatinine, Urine - per volume: 100 mg/dL

Creatinine, Urine - per 24h: 1500 mg/d (Ref Interval: 800-2100)

MMA - per volume: 5.00 umol/L

MMA - ratio to CRT: 0.56 mmol/mol CRT (Ref Interval: 0.00-3.60)

Methylmalonic Acid, Urine Interpretation

See Note

INTERPRETIVE INFORMATION: Methylmalonic Acid, Urine

Urinary methylmalonic acid, when increased, is an early and sensitive indicator of vitamin B12 (cobalamin) deficiency. This test can also be used to monitor patients with methylmalonic aciduria. Diagnosis of methylmalonic aciduria requires an organic acid panel and appropriate clinical history.

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
Hours Collected	23-178-112596	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Volume	23-178-112596	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per volume	23-178-112596	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per 24h	23-178-112596	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
MMA - per volume	23-178-112596	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
MMA - ratio to CRT	23-178-112596	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Methylmalonic Acid, Urine Interpretation	23-178-112596	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: 23-178-112596
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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