

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 3/11/1987  
**Gender:** Female  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Orotic Acid, Urine**

ARUP test code 3000704

Creatinine, Urine 40 mg/dL

**Orotic Acid, Urine - Interpretation**

See Note

Mildly elevated excretion of orotic acid. Elevated orotic acid can be seen in patients with urea cycle defects and with hereditary orotic aciduria, caused by deficiency of UMPS (uridine monophosphate synthase). Pharmacologic treatment with inhibitors of UMPS, such as allopurinol, can also cause an increase in orotic acid. Would repeat this study and evaluate plasma ammonia and plasma amino acids. Clinical correlation is necessary for further interpretation of this result.

This result has been reviewed and approved by [REDACTED], M.D., Ph.D.

Section 79-1 of New York State Civil Rights Law requires informed consent be obtained from all patients (or their legal guardians) prior to pursuing any diagnostic genetic testing or testing to assess carrier status. These forms must be kept on file by the ordering physician. Biochemical and DNA testing patient consent forms can be accessed from ARUP's web site: [www.aruplab.com](http://www.aruplab.com).

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: [aruplab.com/CS](http://aruplab.com/CS)

Orotic Acid **5.8 mmol/mol CRT H (Ref Interval: 0.2-1.5)**

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

Unless otherwise indicated, testing performed at:

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Creatinine, Urine	20-066-104602	3/6/2020 5:14:00 AM	3/7/2020 10:56:08 AM	3/17/2020 5:51:00 PM
Orotic Acid, Urine - Interpretation	20-066-104602	3/6/2020 5:14:00 AM	3/7/2020 10:56:08 AM	3/17/2020 5:51:00 PM
Orotic Acid	20-066-104602	3/6/2020 5:14:00 AM	3/7/2020 10:56:08 AM	3/17/2020 5:51:00 PM

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  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 20-066-104602  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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