

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB** 4/21/2018  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Purines and Pyrimidines Panel, Urine**

ARUP test code 2014523

Interpretation (PUPYU)

SEE NOTE

\*NEGATIVE\* In this urine sample, the excretions of purines, pyrimidines, and their metabolites detected by this test were within their respective reference ranges.

-----ADDITIONAL INFORMATION-----  
Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS)  
This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Uracil	9 mmol/mol CRT	(Ref Interval: <= 30)
Thymine	<3 mmol/mol CRT	(Ref Interval: <= 3)
Adenine	<3 mmol/mol CRT	(Ref Interval: <= 3)
Hypoxanthine	17 mmol/mol CRT	(Ref Interval: <= 30)
Xanthine	15 mmol/mol CRT	(Ref Interval: <= 21)
Orotic Acid (PUPYU)	<3 mmol/mol CRT	(Ref Interval: <= 4)
Dihydroorotic	<3 mmol/mol CRT	(Ref Interval: <= 3)
Uric Acid	473 mmol/mol CRT	(Ref Interval: 200-2000)

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

Unless otherwise indicated, testing performed at:

Deoxythymidine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Deoxyuridine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Thymidine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Uridine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Deoxyadenosine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Deoxyinosine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Deoxyguanosine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Adenosine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Inosine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Guanosine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
AICAR	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Succinyladenosine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
Dihydrouracil	<3 mmol/mol CRT	(Ref Interval: ≤ 6)
Dihydrothymine	<3 mmol/mol CRT	(Ref Interval: ≤ 3)
N-carbamoyl-beta-alanine	7 mmol/mol CRT	(Ref Interval: ≤ 10)
N-carbamoyl-beta-aminoisobutyric Acid	<3 mmol/mol CRT	(Ref Interval: ≤ 3)

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Unless otherwise indicated, testing performed at:

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S-Sulfocysteine

<3 mmol/mol CRT

(Ref Interval: <= 5)

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Reviewed By (PUPYU)

SEE NOTE

RESULT: Matthew J Schultz, Ph.D

Test Performed by:

Mayo Clinic Laboratories - Rochester Main Campus

200 First Street SW, Rochester, MN 55905

Lab Director: William G. Morice M.D. Ph.D.; CLIA# 24D0404292

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

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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: 23-125-134545  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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4848

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Interpretation (PUPYU)	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Uracil	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Thymine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Adenine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Hypoxanthine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Xanthine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Orotic Acid (PUPYU)	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Dihydroorotic	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Uric Acid	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Deoxythymidine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Deoxyuridine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Thymidine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Uridine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Deoxyadenosine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Deoxyinosine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Deoxyguanosine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Adenosine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Inosine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Guanosine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
AICAR	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Succinyladenosine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Dihydrouracil	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Dihydrothymine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
N-carbamoyl-beta-alanine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
N-carbamoyl-beta-aminoisobutyric Acid	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
S-Sulfocysteine	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Reviewed By (PUPYU)	23-125-134545	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

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