

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 2/18/1982  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Supersaturation Profile, Urine**

ARUP test code 2008771

Hours Collected	24 hr	
Total Volume	3550 mL	
Sodium, Urine - per volume	47 mmol/L	
Sodium, Urine - per 24h	167 mmol/d	(Ref Interval: 51-286)
Potassium, Urine - per volume	19 mmol/L	
Potassium, Urine - per 24h	67 mmol/d	(Ref Interval: 25-125)
Chloride, Urine - per volume	41 mmol/L	
Chloride, Urine - per 24h	146 mmol/d	(Ref Interval: 140-250)
Calcium, Urine - per volume	10.9 mg/dL	
Calcium, Urine - per 24h	387 mg/d	INTERPRETIVE INFORMATION: CALCIUM, URINE - mg/day Calcium-free diet: 5-40 mg/d Low calcium diet (800 mg/d or less): 50-150 mg/d Average calcium diet (about 800 mg/d): 100-250 mg/d High calcium diet (800 mg/d or greater): greater than 250 mg/d
Magnesium, Urine - per volume	3.5 mg/dL	

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

Unless otherwise indicated, testing performed at:

Magnesium, Urine per 24h	124 mg/d	(Ref Interval: 12-199)
Phosphorus, Urine - per volume	31 mg/dL	
Phosphorus, Urine - per 24h	1100 mg/d	(Ref Interval: 400-1300)
Uric Acid, Urine - per volume	17.1 mg/dL	
Uric Acid, Urine - per 24h	607 mg/d	(Ref Interval: 250-750)
Creatinine, Urine - per volume	56 mg/dL	
Creatinine, Urine - per 24h	1988 mg/d	(Ref Interval: 1000-2500)
Citric Acid, Urine - per volume	216 mg/L	
Citric Acid, Urine - per 24h	767 mg/d	(Ref Interval: 320-1240)
Oxalate, Urine - per volume	11 mg/L	
Oxalate, Urine - per 24h	39 mg/d	(Ref Interval: 16-49)
	REFERENCE INTERVAL: Oxalate, Urine - mg/day	
	Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).	
Sulfate, Urine - per volume	5 mmol/L	
Sulfate, Urine - per 24h	18 mmol/d	(Ref Interval: 6-30)

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**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: 19-287-110981  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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INTERPRETIVE INFORMATION: Sulfate, Urine

Reference intervals for random urine samples have not been established.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

pH, Urine 5.87 (Ref Interval: 5.00-7.50)

Urine Supersaturation, CAOX 4.97  
No increased risk of Calcium Oxalate Calculi.

Urine Supersaturation, CAHPO<sub>4</sub> 1.04  
No increased risk of Calcium Hydrogen Phosphate (Brushite) Calculi.

Urine Supersaturation, UA CALC 0.35  
No increased risk of Uric Acid Calculi.

Urine Supersaturation Interpretation

Normal				
Relative Supersaturation		Reduced risk <::>	Increased risk	
CaOx	0.0 !	4.97<::	!	30.0
CaHPO <sub>4</sub>				
(Brushite)	0.0 !<-1.04-----::		!	4.0
Uric Acid	0.6 !	0.35<--::	!	3.0

INTERPRETIVE INFORMATION: Supersaturation Profile, Urine

The values determined for this specimen are placed on the chart to indicate the approximate risk associated with the particular concentrations. Increased risk is to the right of center; decreased risk, to the left. Relative supersaturation calculated for calcium oxalate, calcium hydrogen phosphate (brushite) and uric acid calculi is displayed. Relative risk increases from the middle to the right side of this chart.

Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS

EER Supersaturation Profile, Urine See Note  
Access ARUP Enhanced Report using the link below:  
-Direct access:

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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hours Collected	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 11:18:00 AM
Total Volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 11:18:00 AM
Sodium, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Sodium, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Potassium, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Potassium, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Chloride, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Chloride, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Calcium, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Calcium, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Magnesium, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Magnesium, Urine per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Phosphorus, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Phosphorus, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Uric Acid, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Uric Acid, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Creatinine, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Creatinine, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Citric Acid, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Citric Acid, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/16/2019 8:47:00 PM
Oxalate, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/17/2019 8:04:00 AM
Oxalate, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/17/2019 8:04:00 AM
Sulfate, Urine - per volume	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/17/2019 5:37:00 PM
Sulfate, Urine - per 24h	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/17/2019 5:37:00 PM
pH, Urine	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/17/2019 5:37:00 PM
Urine Supersaturation, CAOX	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/18/2019 12:30:00 PM
Urine Supersaturation, CAHPO4	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/18/2019 12:30:00 PM
Urine Supersaturation, UA CALC	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/18/2019 12:30:00 PM
Urine Supersaturation Interpretation	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/18/2019 12:30:00 PM
EER Supersaturation Profile, Urine	19-287-110981	10/14/2019 12:30:00 PM	10/14/2019 5:14:49 PM	10/18/2019 12:30:00 PM

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Visit Number (FIN): 01234567890ABCD  
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END OF CHART

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