

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 6/4/1965  
**Sex:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 01/01/2017 12:34

**Chromium, Urine**

ARUP test code 0025068

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	2000 mL	
Creatinine, Urine - per volume	80 mg/dL	
Creatinine, Urine - per 24h	1600 mg/d	(Ref Interval: 800-2100)
Chromium, Urine - per volume	1.0 ug/L	(Ref Interval: 0.0-2.0)
	<p>INTERPRETIVE INFORMATION: Chromium, Urine</p> <p>Chromium urine levels can be used to monitor short term exposure. The form of chromium greatly influences distribution. Trivalent chromium resides in the plasma and is usually not of clinical importance. Hexavalent chromium is considered highly toxic. Symptoms associated with chromium toxicity vary based upon route of exposure and dose and may include dermatitis, impairment of pulmonary function, gastroenteritis, hepatic necrosis, bleeding, and acute tubular necrosis.</p> <p>The ACGIH Biological Exposure Index for daily exposure of hexavalent chromium is an increase of 10 ug/gCRT between pre-shift and post-shift urine collections. The ACGIH Biological Exposure Index for long- and short-term hexavalent chromium is an end-of-shift concentration of 30 ug/gCRT at the end of the work week.</p> <p>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.</p>	
Chromium, Urine - per 24h	2.0 ug/d	(Ref Interval: 0.0-2.0)
Chromium, Urine - ratio to CRT	1.2 ug/g CRT	(Ref Interval: 0.0-10.0)

**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: 22-026-106888  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hours Collected	22-026-106888	1/26/2022 12:04:00 PM	1/27/2022 6:30:56 AM	1/27/2022 6:35:00 AM
Total Volume	22-026-106888	1/26/2022 12:04:00 PM	1/27/2022 6:30:56 AM	1/27/2022 6:35:00 AM
Creatinine, Urine - per volume	22-026-106888	1/26/2022 12:04:00 PM	1/27/2022 6:30:56 AM	1/27/2022 6:35:00 AM
Creatinine, Urine - per 24h	22-026-106888	1/26/2022 12:04:00 PM	1/27/2022 6:30:56 AM	1/27/2022 6:35:00 AM
Chromium, Urine - per volume	22-026-106888	1/26/2022 12:04:00 PM	1/27/2022 6:30:56 AM	1/27/2022 6:35:00 AM
Chromium, Urine - per 24h	22-026-106888	1/26/2022 12:04:00 PM	1/27/2022 6:30:56 AM	1/27/2022 6:35:00 AM
Chromium, Urine - ratio to CRT	22-026-106888	1/26/2022 12:04:00 PM	1/27/2022 6:30:56 AM	1/27/2022 6:35:00 AM

END OF CHART

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

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