

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

Physician: Doctor, Example

**Patient: Patient, Example**

**DOB:** 12/31/1979  
**Gender:** Male  
**Patient Identifiers:** 01234567890ABCD, 012345  
**Visit Number (FIN):** 01234567890ABCD  
**Collection Date:** 00/00/0000 00:00

**Thallium, Urine**

ARUP test code 0025019

Hours Collected	24 hr		
Total Volume	2000 mL		
Creatinine, Urine - per volume	100 mg/dL		
Creatinine, Urine - per 24h	2000 mg/d		(Ref Interval: 1000-2500)
Thallium, Urine - per volume	<1.0 ug/L		(Ref Interval: 0.0-2.0) INTERPRETIVE INFORMATION: Thallium, Urine Urinary thallium levels may reflect recent or chronic exposure and the presence of thallium in urine after acute exposure may persist for up to several weeks. Concentrations less than 5 ug/L are unlikely to cause adverse health effects while concentrations greater than 500 ug/L have been associated with clinical poisoning. After severe thallium poisoning reported symptoms have varying times of onset and include gastroenteritis, multi-organ failure and neurologic injury. Peripheral neuropathy and alopecia are well-documented effects of acute and chronic exposure. Human health effects from low level thallium exposure are unknown. Test developed and characteristics determined by ARUP Laboratories. See Compliance Statement B: aruplab.com/CS
Thallium, Urine - per 24h	<2.0 ug/d	H	(Ref Interval: 0.0-0.4)
Thallium, Urine - ratio to CRT	<1.0 ug/g CRT		(Ref Interval: 0.0-2.0) Unable to accurately calculate the creatinine normalized result due to a low per volume result.

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hours Collected	19-329-105798	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Volume	19-329-105798	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per volume	19-329-105798	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Creatinine, Urine - per 24h	19-329-105798	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Thallium, Urine - per volume	19-329-105798	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Thallium, Urine - per 24h	19-329-105798	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Thallium, Urine - ratio to CRT	19-329-105798	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  
Tracy I. George, MD, Laboratory Director

Patient: Patient, Example  
ARUP Accession: 19-329-105798  
Patient Identifiers: 01234567890ABCD, 012345  
Visit Number (FIN): 01234567890ABCD  
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