

Reporting Title: Thallium, B**Performing Location:** Rochester**Specimen Requirements:**

Patient Preparation: High concentrations of gadolinium and iodine are known to potentially interfere with most inductively coupled plasma mass spectrometry-based metal tests. If either gadolinium- or iodine-containing contrast media has been administered, **a specimen should not be collected for 96 hours.**

Supplies:

-Metal Free EDTA 3 mL Tube (T989)

-Metal Free B-D Tube (EDTA), 6 mL (T183)

Container/Tube:**Preferred:** Royal blue-top BD vacutainer with EDTA blood collection tube (3 mL) (BD catalog no. 367777) (T989)**Acceptable:** Royal blue-top BD Vacutainer Plus with EDTA blood collection tube (6 mL) (BD catalog no. 368381) (T183)**Specimen Volume:** 1 mL**Collection Instructions:**

1. See [Metals Analysis Specimen Collection and Transport](#) for complete instructions.
2. Send specimen in original tube. **Do not aliquot.**

Specimen Type	Temperature	Time	Special Container
Whole blood	Ambient	28 days	
	Refrigerated (preferred)	28 days	
	Frozen	28 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8149	Thallium, B	Numeric	ng/mL	5743-0

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

83018

Reference Values:

0-17 years: Not established

> or =18 years: <2 ng/mL