

Reporting Title: Aluminum, S  
Performing Location: Rochester

Specimen Requirements:

**Patient Preparation:** High concentrations of gadolinium and iodine are known to interfere with most 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 Specimen Vial (T173)

**Container/Tube:** Greiner Z Trace Element

**Submission Container/Tube:** 7-mL Mayo metal-free, screw-capped, polypropylene vial

**Specimen Volume:** 1.2 mL

**Collection Instructions:** See [Metals Analysis Specimen Collection and Transport](#) for complete instructions.

**Forms:**  
If not ordering electronically, complete, print, and send a [Renal Diagnostics Test Request](#) (T830) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	METAL FREE
	Ambient	7 days	METAL FREE
	Frozen	7 days	METAL FREE

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8373	Aluminum, S	Numeric	ng/mL	5574-9

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

Supplemental Report:  
No

CPT Code Information:  
82108

Reference Values:  
<7 ng/mL  
<60 ng/mL (dialysis patients)

For International System of Units (SI) conversion for Reference Values, see [www.mayocliniclabs.com/order-tests/si-unit-conversion.html](http://www.mayocliniclabs.com/order-tests/si-unit-conversion.html)