

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 B-D Tube (No Additive), 6 mL (T184)
- Metal Free Specimen Vial (T173)

Container/Tube: 6-mL Plain, royal blue-top Vacutainer plastic trace element blood collection tube

Submission Container/Tube: 7-mL 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	Ambient	7 days	METAL FREE
	Refrigerated (preferred)	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