

Reporting Title: Zinc, S

Performing Location: Rochester

Specimen Requirements:

Patient Preparation: High concentrations of gadolinium, iodine, and barium are known to interfere with most metal tests. If gadolinium-, iodine, or barium-containing contrast media has been administered, the specimen should not be collected for 96 hours.

Supplies:

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

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

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

Specimen Volume: 0.8 mL

Collection Instructions:

1. This specimen **must always be drawn first**.
2. **Do not collect specimen from a line.**
3. Allow the specimen to clot for 30 minutes; then centrifuge the specimen to separate serum from the cellular fraction. Serum must be removed from cellular fraction within 4 hours of specimen collection. Avoid hemolysis.
4. Remove the stopper. Carefully pour specimen into a Mayo metal-free, polypropylene vial, avoiding transfer of the cellular components of blood. **Do not** insert a pipet into the serum to accomplish transfer, and **do not** ream the specimen with a wooden stick to assist with serum transfer.
5. See [Metals Analysis Specimen Collection and Transport](#) for complete instructions.

Forms:

If not ordering electronically, complete, print, and send [General Test Request](#) (T239) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	28 days	METAL FREE
	Ambient	28 days	METAL FREE
	Frozen	28 days	METAL FREE

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
7735	Zinc, S	Numeric	mcg/dL	5763-8

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

Supplemental Report:

No

CPT Code Information:

84630

Reference Values:

- 0-10 years: 60-120 mcg/dL
- 11-17 years: 66-110 mcg/dL
- > or =18 years: 60-106 mcg/dL