

Reporting Title: Copper, Liver Ts  
Performing Location: Rochester

Specimen Requirements:

**Patient Preparation:** Gadolinium is known to interfere with most metal tests. If gadolinium-containing contrast media has been administered a specimen should not be collected for 96 hours.

**Supplies:** Metal Free Specimen Vial (T173)

**Container/Tube:**

**Preferred:** Mayo metal-free specimen vial (blue label)

**Acceptable:** Paraffin block if no more than 1 or 2 cuts have been made to it for slides

**Specimen Volume:** 2 mg

Collection Instructions:

- Two mg of liver tissue is required.** This is typically a piece of tissue from a 22-gauge needle biopsy at least 2 cm long. If an 18-gauge needle is used, the tissue must be at least 1 cm in length.
- Any specimen vial other than a Mayo metal-free vial used should be plastic, leached with 10% nitric acid for 2 days, rinsed with redistilled water, and dried in clean air.

**Additional Information:** Paraffin blocks will be returned 3 days after analysis is complete.

Forms:

If not ordering electronically, complete, print, and send a [Gastroenterology and Hepatology Test Request](#) (T728) with the specimen.

Specimen Type	Temperature	Time	Special Container
Liver Tissue	Refrigerated (preferred)		
	Ambient		
	Frozen		

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8687	Copper, Liver Ts	Numeric	mcg/g dry wt	8198-4

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

Supplemental Report:

No

CPT Code Information:

82525

Reference Values:

<50 mcg/g dry weight