

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:

1. 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.

2. 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.

Specimen Minimum Volume:

2 cm (22-gauge needle)

1 cm (18-gauge needle)

2 mm x 2 mm (punch) 0.3 mg by dry weight

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