



# Test Definition: CUT

Copper, Liver Tissue

**Reporting Title:** Copper, Liver Ts

**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive

**Specimen Requirements:**

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

**Container/Tube:**

**Preferred:** Mayo metal-free specimen vial

**Acceptable:** Paraffin block, with no more than 1 or 2 cuts previously made

**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.

**Specimen Stability Information:**

Fresh or formalin-fixed liver tissue specimens: Frozen (-30 to -10 degrees C) at least 20 years

Paraffin-embedded (block) liver tissue specimens: Ambient (16 to 24 degrees C) at least 12 1/2 years

**Additional Information:** Paraffin blocks will be returned 7 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