

# COPPER, TISSUE

## Orderable - CUT/ Copper Tissue Liver: CUL

Turnaround Time: 15 days

### Specimen:

Fresh or frozen tissue is acceptable.

### Collection Information:

#### Trace Elements Collection Information

Minimum 0.3 mg of fresh or frozen tissue.

Be careful not to contaminate the sample.

Paraffin blocks are the preferred sample.

Needle biopsies for copper are also acceptable in formalin or embedded in paraffin.

Send the whole block in a suitable container.

### Reference Ranges:

Liver:	
SI Units (Reported on Patient Chart):	Conventional Units:
0.16-0.55 µmol/g	10-35 µg/g

**\* Please Note: Reference range is tissue dependent.**

Reference Ranges are based on Non-Occupationally exposed population.

### Interpretive Comments:

Gold standard for Wilson's Disease-liver biopsy.

Find Interpretive Comment and Clinical Information [here](#):



**Laboratory:**  
Trace Elements Lab



**Requisition:**  
TRACE ELEMENTS  
REQUISITION



**Method of Analysis:**  
ICP-MS/MS



**Test Schedule:**  
Batched analysis