

**Reporting Title:** Iron, Liver Ts**Performing Location:** Rochester**Necessary Information:**

Patient's date of birth is required to calculate iron index.

**Specimen Requirements:**

Supplies: Metal Free Specimen Vial (T173)

Container/Tube:

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

Acceptable: Paraffin block, if not 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

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

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
8350	Iron, Liver Ts	Numeric	mcg/g dry wt	57028-3
7770	Hepatic Iron Index	Numeric	mcmol/g/yr	49061-5

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

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No

**CPT Code Information:**

83540

**Reference Values:****IRON**

Males: 200-2,400 mcg/g dry weight

Females: 200-1,800 mcg/g dry weight

**IRON INDEX**

> or =13 years: <1.0 mcmol/g/year

Reference values have not been established for patients that are younger than 13 years of age.