

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.

Forms:

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:
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.