Test Definition: FET

Iron, Liver Tissue

Reporting Title: Iron, Liver Ts
Performing Location: Rochester

Specimen Requirements:

Container/Tube:
Preferred: Mayo metal-free specimen vial (blue label) (Supply T173)
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:
1. Patient's date of birth is required to calculate iron index.
2. If tissue is other than liver tissue, see MSCM / Miscellaneous Metals Testing.
3. Paraffin blocks will be returned 3 days after analysis.
Forms: If not ordering electronically, submit a General Request Form (Supply T239) with the specimen.

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

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8350	Iron, Liver Ts	Numeric	mcg/g dry wt	15357-7
7770	Hepatic Iron Index	Numeric	mcmol/g/yr	49061-5

CPT Code: 1 × 83540

Reference Values:

IRON
Males: 200-2,400 mcg/g dry weight
Females: 400-1,600 mcg/g dry weight

IRON INDEX
Reference values have not been established for patients that are <13 years of age.
<1.0 mcmol/g/year (> or =13 years)