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**Reporting Title:** Iron and Total Fe Binding Cap, S  
**Performing Location:** Rochester**Necessary Information:**

Patient's age and sex are required.

**Specimen Requirements:**

Patient Preparation:

1. Fasting (12 hours)
2. Iron-containing supplements should be avoided for 24 hours prior to draw.

Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Specimen Volume: 1 mL

Collection Instructions:

1. Draw blood before 12 noon (preferred).
2. Serum gel tubes should be centrifuged within 2 hours of collection.
3. Red-top tubes should be centrifuged and aliquoted within 2 hours of collection.

**Specimen Minimum Volume:**

0.5 mL

**Forms:**

If not ordering electronically, complete, print, and send a Benign Hematology Test Request Form (T755) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Frozen	180 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
IRON	Iron Also used by tests: HCFEC	Numeric	mcg/dL	2498-4

Result ID	Reporting Name	Type	Unit	LOINC®
TIBC	Total Iron Binding Capacity <b>Also used by tests: HCFEC</b>	Numeric	mcg/dL	2500-7
SAT	Percent Saturation <b>Also used by tests: HCFEC</b>	Numeric	%	2502-3

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

83540-Iron

83550-Iron-binding capacity

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

Males: 50-150 mcg/dL

Females: 35-145 mcg/dL

**TOTAL BINDING CAPACITY**

250-400 mcg/dL

**PERCENT SATURATION**

14-50%