

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.

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	Numeric	mcg/dL	2498-4
TIBC	Total Iron Binding Capacity	Numeric	mcg/dL	2500-7
SAT	Percent Saturation	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%