

LAB3799 Iron Saturation Percentage (% Transferrin Sat)

BMC

Performing Location(s)

BMC

Specimen Type

Serum

Preferred Container

Gold or Red top tube

Minimum Volume

1 mL Serum

Multiple test can be performed from this volume.

For question please contact the lab at 547-3975.

Storage Requirements

Sample tubes should be centrifuged within 2 hours of collection followed by transfer of the serum (red or gold top) to a labeled plastic, aliquot tube.

See Causes of Rejection for temperature requirements.

Transportation Needs

Deliver specimen to the laboratory within 1 hour of collection.

If not possible see “Storage Requirements”

Causes for Rejection

Mislabeled or unlabeled specimen

Less than 50% draw for vacutainer tubes

> 7 days refrigerated

> 4 days room temperature

> 40 days frozen

Hemolysis > 50 mg/dL HgB

Lipemia > 400 mg/dL Trig

Bilirubin > 40 mg/dL Bili

Reference Values

Population	Units	Reference Range
Male	%	20-50%
Female	%	15-50%

Calculation

$$\% \text{ Iron Sat} = \frac{\text{Iron}}{\text{TIBC}} \times 100$$

Available STAT

No

Methodology

See individual components i.e. Serum Iron (IRN) and the Iron Binding Capacity (TIBC)

CPT Code

Iron: 83540

TIBC: 83550