

## sTfR (Soluble Transferrin Receptor), Serum

**Test ID:** STFR1

**Useful for:**

Aiding in the diagnosis of iron deficiency anemia in patients with chronic disease.

**Method:**

Chemiluminescent Immunoassay

**Reference Values:**

0.63-2.64 mg/L

It is reported that African Americans may have slightly higher values.

**Specimen Requirements:**

**Preferred Collection Container:** Serum gel

**Acceptable Collection Container:** Red top

**Submission Container:** Plastic vial

**Specimen Volume:** 1 mL

**Collection Instructions:**

1. Within 2 hours of collection, centrifuge the specimen.
2. For red-top tubes, aliquot serum into a plastic vial prior to sending.

**Minimum Volume:** 0.6 mL

**Specimen Stability Information:**

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	7 days
	Ambient	7 days
	Frozen	90 days

**Cautions:**

The soluble transferrin receptor (sTfR) immunoassay should not be used for the routine clinical evaluation of patients for iron status when ferritin immunoassay (FERR1 / Ferritin, Serum) would be appropriate, such as in the absence of confounding pathologies (inflammation, infection, chronic disease, or malignancy).

Soluble transferrin receptor assays are not standardized, therefore results from different assays should not be used interchangeably.

Patients with hemolysis and recent blood loss may have falsely elevated sTfR concentrations.

Race-based differences in sTfR have been observed with Black subjects having 9% higher values compared to non-Black subjects.

Altitude-based differences in sTfR have been observed with subjects residing at high altitude having concentrations 9% higher than those nearer to sea level.

**CPT Code:**

84238

**Day(s) Performed:** Monday through Friday

**Report Available:** 1 to 3 days

**Questions**

Contact Nancy Benson, Laboratory Resource Coordinator at 800-533-1710.