

### Soluble Transferrin Receptors

Effective Date: April 2, 2019

Commencing April 2, 2019, Beaumont Laboratory will perform testing for Soluble Transferrin Receptor on the Beckman Coulter DxI immunoassay platform. Samples will no longer be sent to Mayo Medical Laboratories for testing.

**Background Information:**

The soluble transferrin receptor (sTfR) is a soluble truncated form of the transferrin receptor. sTfR levels rise significantly as the iron level in tissue decreases, and the demand for iron increases because of expansion of the erythroid marrow. Measurement of ferritin is used for the diagnosis of iron deficiency. However, since ferritin is an acute phase reactant, it can be elevated in hospitalized or acutely ill patients. sTfR is not an acute phase reactant, and therefore may be useful in evaluating patients suspicious for iron deficiency in which ferritin concentration does not correlate with iron status. This can occur in patients with inflammatory conditions or chronic diseases.

**Primary Clinical Utility:**

To aid in the diagnosis of iron deficiency anemia.

**Specimen Collection Requirement:** One gold-top Serum Separator Tube (SST)

**Performed:** Tuesday, Friday

**Test Information**

Parameter	NEW TEST (Beaumont)	PRIOR TEST (Mayo Send-Out)
Units of measure	nmol/L	mg/L
Reference Range	12.2 – 27.3 nmol/L	1.8 – 4.6 mg/L
Epic Test Code	LAB7197	XSTR
Soft Test Code	STFR	LAB6152

*If you have questions, please contact Client Services (1-800-551-0488, option 5).*

For additional information, access the Laboratory Test Directory at:

<http://beaumontlaboratory.com/test-lab-directory>

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**Date submitted:** March 25, 2019

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**Beaumont Laboratory**

Customer Service

1-800-551-0488