

## Transferrin (TRF)

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### TEST OVERVIEW

<b>Test Name</b>	Transferrin
<b>Test Code</b>	TRF
<b>Short Description</b>	Transferrin

### OVERVIEW

<b>Test Name</b>	Transferrin
<b>Test Code</b>	TRF
<b>Category</b>	Biochemistry
<b>TAT</b>	Main Lab: 6 Hour(s) Family Site: <8hrs, <6hrs
<b>Specimen(s)</b>	1 x Venous blood - 5 mL Tube - Gold - SST-Serum Separator Tube

### SPECIMEN(S)

#### SST-Serum Separator Tube

<b>Specimen Type</b>	SST-Serum Separator Tube
<b>Specimen Format</b>	Tube
<b>Specimen Colour</b>	Gold
<b>Specimen Volume</b>	5 mL
<b>Sampling Order</b>	2
<b>Origin</b>	Venous blood
<b>Collection time after baseline</b>	-
<b>Transport Temperature</b>	15-25°C
<b>Accepted Other Specimens</b>	Lithium Heparin Plasma Sodium Heparin Plasma Serum

	EDTA Plasma
<b>TAT</b>	Main Lab: 6 Hour(s) Family Site: <8hrs, <6hrs
<b>Test Stability</b>	Room Temp: 4 Month(s) 2–8°C: 8 Month(s)

## CLINICAL INFORMATION

### Transferrin

<b>Methodology</b>	-
<b>Specimen Type</b>	SST-Serum Separator Tube
<b>Delay before pre-treatment</b>	8
<b>Transport Temperature</b>	15-25°C
<b>Transport Stability at room temp</b>	4 -
<b>Transport Stability at 2–8°C</b>	8 -
<b>Haemolysis interference</b>	<input type="button" value="No"/>

### Clinical Interest

The **transferrin** test helps diagnose iron deficiency anemia by measuring the body's ability to transport iron. Elevated transferrin levels are typically seen in iron deficiency because the body produces more transferrin in an attempt to increase iron absorption.

Often performed alongside a serum iron test, the TIBC can provide additional information. High TIBC usually indicates low iron stores.

In conditions like hereditary hemochromatosis, where the body absorbs too much iron, transferrin levels can be used to monitor the effectiveness of treatments such as phlebotomy or chelation therapy.

Calculated from serum iron and TIBC, it helps assess the degree of iron overload. Elevated transferrin saturation levels are indicative of excess iron.

## PATIENT INFORMATION

<b>Clinical Information Required</b>	-
<b>Patient Collection Notes</b>	-

## COMMENTS & NOTES

<b>LOINC Code</b>	674-6, 22674-6
<b>Outwork</b>	<input type="button" value="No"/>