



Test Definition: TSI

Thyroid-Stimulating Immunoglobulin, Serum

Reporting Title: Thyroid-Stimulating Immunoglob, S

Performing Location: Mayo Clinic Laboratories - Rochester Superior Drive

Ordering Guidance:

This test is used for second-order testing for autoimmune thyroid disease.

For suspected cases of autoimmune hypothyroidism, the first-order testing is TPO / Thyroperoxidase Antibodies, Serum.

For suspected cases of autoimmune thyroid disease, first-order testing includes TPO and THYRO / Thyrotropin Receptor Antibody, Serum.

Specimen Requirements:

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube:

Preferred: Red top

Acceptable: Serum gel

Submission Container/Tube: Plastic vial

Specimen Volume: 0.5 mL

Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Forms:

If not ordering electronically, complete, print, and send a [General Request](#) (T239) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Frozen (preferred)	60 days	
	Ambient	24 hours	
	Refrigerated	7 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8634	Thyroid-Stimulating Immunoglob, S	Numeric	TSI index	30567-2

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

84445

Reference Values:

< or =1.3 TSI index

Reference values apply to all ages.