



Test Definition: THSCM

Thyroid Function Cascade, Serum

Reporting Title: Thyroid Function Cascade, S

Performing Location: Mayo Clinic Jacksonville Clinical Lab

Specimen Requirements:

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 1.5 mL

Collection Instructions:

1. Serum gel tubes should be centrifuged within 2 hours of collection.
2. Red-top tubes should be centrifuged and the serum aliquoted into a plastic vial within 2 hours of collection.

Forms:

If not ordering electronically, complete, print, and send a [Renal Diagnostics Test Request](#) (T830) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Ambient	72 hours	
	Frozen	30 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
STSHC	TSH, Sensitive, S	Numeric	mIU/L	11579-0

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

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
STSHC	TSH, Sensitive, S	1	84443	Yes	Yes, (order STSH)

CPT Code Information:

- 84443
- 84439 (if appropriate)
- 84480 (if appropriate)
- 86376 (if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
FRT4C	T4 (Thyroxine), Free, S	1	84439	No	Yes, (order FRT4)
TPOC	Thyroperoxidase Ab, S	1	86376	No	Yes, (order TPO)
T3C	T3 (Triiodothyronine), Total, S	1	84480	No	Yes, (order T3)

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
TPOC	TPOC	Thyroperoxidase Ab, S	Numeric	IU/mL	8099-4
FRT4C	FRT4C	T4 (Thyroxine), Free, S	Numeric	ng/dL	83122-2
T3C	T3C	T3 (Triiodothyronine), Total, S	Numeric	ng/dL	83124-8

Reference Values:

0-5 days: 0.7-15.2 mIU/L

6 days-2 months: 0.7-11.0 mIU/L

3-11 months: 0.7-8.4 mIU/L

1-5 years: 0.7-6.0 mIU/L

6-10 years: 0.6-4.8 mIU/L

11-19 years: 0.5-4.3 mIU/L

> or =20 years: 0.3-4.2 mIU/L