

**Reporting Title:** Thyroid Function Cascade, S**Performing Location:** Rochester**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.

**Specimen Minimum Volume:**

1 mL

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

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
STSHC	TSH, Sensitive, S Also used by tests: STSHC	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	Orderable Separately
STSHC	TSH, Sensitive, S			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	Orderable Separately
FRT4C	T4 (Thyroxine), Free, S			No	Yes (order FRT4)
TPOC	Thyroperoxidase Ab, S			No	Yes (order TPO)
T3C	T3 (Triiodothyronine), Total, S			No	Yes (order T3)

**Result Codes for Reflex Tests:**

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

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**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