

Reporting Title: T4 (Thyroxine), Total and Free**Performing Location:** Mayo Clinic Laboratories - Rochester Main Campus**Specimen Requirements:****Collection Container/Tube:****Preferred:** Serum gel**Acceptable:** Red top**Submission Container/Tube:** Plastic vial**Specimen Volume:** 1 mL**Collection Instructions:** Centrifuge and aliquot serum into a plastic vial.

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®
T4F	T4 (Thyroxine), Free, S	Numeric	ng/dL	83122-2
T4CC	T4 (Thyroxine), Total Only, S	Numeric	mcg/dL	83119-8

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
T4F	T4 (Thyroxine), Free, S	1	84439	Yes	No
T4CC	T4 (Thyroxine), Total Only, S	1	84436	Yes	No

CPT Code Information:

84436

84439

Reference Values:

T4 (THYROXINE), TOTAL ONLY

0-5 days: 5.0-18.5 mcg/dL

6 days-2 months: 5.4-17.0 mcg/dL

3 -11 months: 5.7-16.0 mcg/dL

1 -5 years: 6.0-14.7 mcg/dL

6 -10 years: 6.0-13.8 mcg/dL
11 -19 years: 5.9-13.2 mcg/dL
> or =20 years: 4.5-11.7 mcg/dL

T4 (THYROXINE), FREE
0-5 days: 0.9-2.5 ng/dL
6 days-2 months: 0.9-2.2 ng/dL
3-11 months: 0.9-2.0 ng/dL
1-5 years: 1.0-1.8 ng/dL
6-10 years: 1.0-1.7 ng/dL
11-19 years: 1.0-1.6 ng/dL
> or =20 years: 0.9-1.7 ng/dL