

T4 Total

Acceptable Tube Type



Alternate Name:	Thyroxine
Performing Lab:	NHRMC-Core Lab
Specimen Container:	Yellow serum separator tube, Green top tube (lithium heparin), or Red top tube
Minimum Volume Required:	1.0 mL
Testing Availability	Routine: 24 hours/day Stat: Yes
Turnaround Time:	Routine: 4 hours Stat: < 1 hour
Patient Preparation:	None
Specimen Stability:	8 Hrs at RT, 2 Days at 2-8C
Reference Range:	4.7 – 13.3 ug/dL
Critical Value:	None
CPT Code:	84436
Testing Methodology:	Bichromatic Rate
Causes for Specimen Rejection:	Improper labeling
Other Comments:	
Clinical Significance:	Thyroid function test. Decreased in hypothyroidism and in the third stage of (painful) subacute thyroiditis; increased with hyperthyroidism, with subacute thyroiditis in its first stage and with thyrotoxicosis due to Hashimoto disease. ³ Used to diagnose T4 toxicosis.