



T4

Alternate Name:	Thyroxin
Performing Lab:	Cape Fear
Specimen Container:	Green plasma separator tube (lithium heparin)
Minimum Volume Required:	1.0 mL
Testing Availability	Routine: 24 hours/day Stat: Yes
Turnaround Time:	Routine: 4 hours Stat: < 1 hour
Special Handling:	None
Patient Preparation:	None
Specimen Stability:	
Reference Range:	4.7 – 13.3 mg/dL
Critical Value:	None
CPT Code:	84439
Testing Methodology:	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.