



## T4 Total

<b>Alternate Name:</b>	Thyroxine
<b>Performing Lab:</b>	Cape Fear
<b>Specimen Container:</b>	Green plasma separator tube (lithium heparin)
<b>Minimum Volume Required:</b>	1.0 mL
<b>Testing Availability</b>	<b>Routine:</b> 24 hours/day <b>Stat:</b> Yes
<b>Turnaround Time:</b>	<b>Routine:</b> 4 hours <b>Stat:</b> < 1 hour
<b>Special Handling:</b>	None
<b>Patient Preparation:</b>	None
<b>Specimen Stability:</b>	
<b>Reference Range:</b>	4.7 – 13.3 ug/dL
<b>Critical Value:</b>	None
<b>CPT Code:</b>	84436
<b>Testing Methodology:</b>	Rate
<b>Causes for Specimen Rejection:</b>	Improper labeling
<b>Other Comments:</b>	
<b>Clinical Significance:</b>	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. <sup>3</sup> Used to diagnose T4 toxicosis.