

**NEW TEST**

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**Thyroxine, Total T4**

3005978, T4 TOTAL

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Serum separator tube or green (lithium heparin). Also acceptable: lavender (K2 EDTA or K3 EDTA), or pink (K2 EDTA).

**Specimen Preparation:** Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 1 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.5 mL)

**Transport Temperature:** Refrigerated.

**Unacceptable Conditions:** Grossly hemolyzed specimens.

**Remarks:**

**Stability:** After separation from cells: Ambient: 4 days; Refrigerated: 8 days; Frozen: 1 year

**Methodology:** Quantitative Electrochemiluminescent Immunoassay

**Performed:** Sun-Sat

**Reported:** Within 24 hours

**Note:**

**CPT Codes:** 84436

**New York DOH Approval Status:** This test is New York DOH approved.

**Interpretive Data:**

**Reference Interval:**

Test Number	Components	Reference Interval		
	Thyroxine, Total T4			
		Cord Blood	6.60-17.50 ug/dL	
		0-3 days	5.37-22.40 ug/dL	
		4-30 days	5.24-23.20 ug/dL	
		1-23 months	5.37-16.00 ug/dL	
		2-6 years	5.26-14.80 ug/dL	
		7-11 years	5.70-14.10 ug/dL	
		12-19 years	4.74-14.60 ug/dL	
		20 years and older	4.50-11.70 ug/dL	

**HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.**