

TEST CHANGE

Parathyroid Hormone, Intact with Calcium

0070172, PTHI

Specimen Requirements:

Patient Preparation:

Collect: Plain red or serum separator tube.

Specimen Preparation: Allow serum specimen to clot fully at room temperature before centrifuging. Transfer 2 mL serum to an ARUP standard transport tube. (Min: 0.5 mL)

Transport Temperature: Frozen. Separate specimens must be submitted when multiple tests are ordered.

Unacceptable Conditions: Body fluid (refer to Parathyroid Hormone, FNA, ARUP test code 2001491). Specimens collected in EDTA. Rapid serum tubes (RST). Hemolyzed samples. Grossly lipemic samples.

Remarks: If requesting Ionized Calcium with PTH, submit two separate specimens. Refer to Calcium, Ionized, Serum (ARUP test code 0020135) for requirements.

Stability: After separation from cells: Ambient: 8 hours; Refrigerated: 48 hours; Frozen: 6 months

Methodology: Quantitative Electrochemiluminescent Immunoassay (ECLIA)

Performed: Sun-Sat

Reported: Within 24 hours

Note:

CPT Codes: 83970; 82310

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

Interpretive Data:

For patients 18 years of age and above:
Parathyroid hormone (PTH) reference intervals reflect
expected values in normocalcemic,
normophosphatemic individuals with optimal vitamin D
concentrations; results should be interpreted
concurrently.

Inserted Cells



A nonprofit enterprise of the University of Utah
and its Department of Pathology

Effective Date: **October 20, 2025**

Reference Interval:

Test Number	Components	Reference Interval		
	Calcium for Parathyroid Hormone, Intact			
		Age	Reference Interval (mg/dL)	
		0 - 10 days	7.6-10.4	
		10 days - 2 years	9.0-11.0	
		2 -12 years	8.8-10.8	
		12 - 18 years	8.4-10.2	
		18 - 60 years	8.6-10.0	
		60 - 90 years	8.8-10.2	
		greater than 90 years	8.2-9.6	
	Parathyroid Hormone, Intact	18-59 15-65 pg/mL		