

**PARATHYROID HORMONE, FINE-NEEDLE ASPIRATION BIOPSY
(FNAB)-NEEDLE WASH**
Test ID: PTHFN

USEFUL FOR: As an adjunct to cytology examination of fine needle aspiration specimens to confirm or exclude presence of parathyroid tissue in biopsied tissue.

METHODOLOGY: Electrochemiluminescence Immunoassay

REFERENCE VALUES: An interpretive report will be provided.

SPECIMEN REQUIREMENTS:

Container/Tube: Sterile vial

Collection Instructions: After collection of the cytology specimens and expulsion of the material for smear or CytoTrap processing:

1. Wash/rinse each FNA needle from **a single biopsied area** with 0.1 to 0.5 mL of normal saline.
2. Pool each wash from a single biopsied area into one vial. If more than one area is biopsied, each biopsy area should be submitted as a separate specimen. The washes from a biopsied area are pooled (final volume 1.0-1.5 mL)
3. Inspect the specimen as follows:
 - a. If the specimen shows visible blood or tissue contamination, centrifuge the specimen. Transfer the supernatant to a new plastic vial. Freeze specimen.
 - b. If specimen is clear, freeze specimen in plastic vial.
 - c. Sample should be frozen within 4 hours of collection.

Additional Information: If more than one area is biopsied, each biopsy area should be submitted under a separate order. Clearly identify each specimen.

Sample should be frozen within 4 hours of collection.

Specimen Volume: After collection of the cytology samples and expulsion of the material for smear or cytotrap processing, each FNA needle from a single biopsied area is washed with 0.1 to 0.5 mL of normal saline. The washes from a biopsied area are pooled (final volume 1.0-1.5 mL) and sent directly to the laboratory (Mayo Clinic patients), or frozen for transport to Mayo Medical Laboratories. Sample should be frozen within 4 hours of collection.

Specimen Type: Fine Needle Wash

SPECIMEN STABILITY INFORMATION:

Specimen Type	Temperature	Time
Fine Needle Wash	Frozen (preferred)	30 days
	Refrigerated	4 hours

CAUTIONS: This test cannot distinguish between benign and malignant parathyroid tissue.

Immunometric assays can, in rare occasions, be subject to interferences such as "hooking" at very high analyte concentrations (false-low results) and heterophilic antibody interference (false-high results). If the clinical picture does not fit the laboratory result, these possibilities should be considered.

Results are dependent on accurate sampling and a maximum needle wash volume of < or =1.5 mL.

While the needle washes from several distinct needle passes or aspirations from a single area should be pooled, biopsies from different areas should be submitted as separate specimens.

FEE: Please contact your Regional Manager for your account's fee information.

CPT CODE: 83970

DAY(S) SET UP: Monday through Friday; 5 AM-12 AM, Saturday; 6 AM-6 PM **ANALYTIC TIME:** Same day/1 day

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
Greg Renkly, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710