

PARATHYROID
HORMONE,
FINE NEEDLE
ASPIRATE

Orderable - PTHFNAR

Turn Around Time: 1 day

Alternate Name(s):

PTH FNA

Specimen:

Two samples:

The first is uncontaminated Plasma-Lyte and serves as a blank.

The second is 1 mL of Plasma-Lyte that has been used to rinse the biopsy needle as described below.

Collection Information:

- 1) Needle rinse specimens for analysis should be collected in conjunction with cytology specimens. After each fine-needle aspiration biopsy (FNAB) has been performed and the material in the needle has been expelled onto a slide for cytologic analysis, attach the used FNAB needle to an empty syringe.
- 2) Put 1 mL of Plasma-Lyte in a tube. Draw up 0.10-0.25 mL of Plasma-Lyte through the needle until it starts to fill the hub of the needle or end of the syringe.
- 3) Expel this fluid back through the needle into a separate tube (50-mL conical tube or other screw-top tube containing NO additive). The tube should be labelled "PTHFNAR-Fine Needle Aspirate". This is the needle rinse fluid used for analysis.
- 4) Draw up more fluid from step 2 and expel into the same tube as step 3 until 1 mL of Plasma-Lyte has rinsed the needle. Send the pooled needle rinse fluid to the laboratory. If more than one site is biopsied, needle rinse fluid from different sites should be submitted in separate tubes and under different accession numbers. The site biopsied for each specimen must be clearly identified as an order comment (not a label comment).
- 5) Also collect at least 1 mL of Plasma-Lyte that has not been used to rinse the needle. This should be put in a 50-mL conical tube or other screw-top tube containing NO additive and the tube should be labelled "PTHBW-Control". This will be analyzed and used as a control since the assay has not been validated using Plasma-Lyte as a sample type.
- 6) Deliver samples to the lab as soon as possible after collection.

Reference Ranges:



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Roche
Electrochemiluminescence



Test Schedule:
As required

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≤ 10.6 pmol/L

Special Processing:

If Collected at VH:

Once the samples are received by the Core Laboratory, they will be aliquoted and centrifuged. If one of the senior technologists in the VH Core Lab is not available to analyze the samples right away, the supernatants will be frozen in the SRA freezer and one of the senior technologists will be notified that there are samples to be analyzed.

If Collected at a Site Other than VH:

Once the samples are received by the Core Laboratory, they will be aliquoted and centrifuged and the supernatants will be frozen as soon as possible. Once the frozen supernatants are shipped to VH, they will be kept in the SRA freezer and one of the senior technologists will be notified that there are samples to be analyzed.

Storage and Shipment:

Store and ship frozen