



Intra Operative ParaThyroid Hormone (IOPTH)

Real-Time Parathyroid Hormone Testing



Department of Pathology and
Laboratory Medicine

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The information contained in this flyer is intended for healthcare professionals.

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WHAT'S NEW

Intraoperative PTH monitoring helps surgeons quickly confirm removal of abnormal parathyroid tissue during surgery. Early detection ensures better outcomes and reduces the need for repeat surgeries.

INTRODUCTION:

Intraoperative Parathyroid Hormone monitoring is a specialized assay used to detect abnormal parathyroid tissue during parathyroid surgery. This method is essential because overactive glands may not be easily identified during surgery, but timely detection and removal help prevent persistent disease and improve patient outcomes.

INTENT OF USE:

To provide real-time feedback during parathyroid surgery by measuring parathyroid hormone levels intraoperatively

SPECIMEN TYPE:

The test is performed during parathyroid surgery. Collect 3-4 cc blood samples in EDTA tubes at specific time points.

IMPORTANT NOTE:

- All abnormal results will be informed to the requesting physician through contact number provided at the time of sample collection.
- Transport samples on ice slurry directly to section of Clinical Chemistry, Second floor, Soparivala building.

CHARGES:

Rs.7500.00

*Revisions may apply

SCHEDULE:

- Monday through Friday, 8:00 am to 4:00 pm only with same day reporting. IOPTH request must be submitted by 4:00 p.m., one day prior to surgery.
- No services are available outside these hours, on weekends, or public holidays

PRINCIPLE:

Electrochemiluminescence Immunoassay

For more information please call: 021 3486 1620
or Email: laboratory@aku.edu

