

Whole blood 5 minute intact PTH *in the operating room*

Intact PTH

Indispensable during parathyroidectomy
May assist in secondary and tertiary hyperparathyroidism
Useful during thyroidectomy

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Intact PTH assay performance

Assay dynamic range	0-3000 pg/mL
Method comparison	The NBCL Intact PTH assay was compared to a commercially available immunoassay on plasma samples. A correlation coefficient of $r=0.95$ was obtained with a linear regression formula.
Whole blood	Whole blood samples on the NBCL Intact PTH were compared to plasma samples on the NBCL Intact PTH. A correlation coefficient of $r=0.96$ was obtained with a linear regression formula.
Limit of detection	< 5 pg/mL
Assay time	5 minutes
Sample volume	100 µL whole blood

Easy to perform anywhere

1 Scan patient ID



Insert whole blood
EDTA sample tube

2 Scan reagent cartridge



Place cartridge, close
cover and start

3 Read results



Displayed on screen and
printer within 5 minutes

Instrument specifications

Principle	Chemiluminescent paramagnetic particles assays
Sensitivity	Controlled temperature, precision pipetting and photomultiplier
Throughput	1 sample per run (up to 10 per hour)
Dimensions	370 x 365 x 460 mm (w x d x h)
Weight	10 kg
Voltage	100 – 240V
Power consumption	450W
Printer	Integrated
Display	LCD touch screen
Barcode reader	Integrated

Ordering information

NBCL Intact PTH kit	60-0101
NBCL Intact PTH calibrator kit	60-0105
NBCL Intact PTH quality controls kit	60-0106
NBCL CONNECT instrument	80-0800

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