

Whole blood 5 minute cortisol
at interventional radiology



Cortisol

Essential during adrenal vein sampling procedures

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Cortisol assay performance

Assay dynamic range	0-2000 µg/dL
Method comparison	The NBCL cortisol assay was compared to a commercially available immunoassay on plasma samples. A correlation coefficient of $r=0.98$ was obtained with a linear regression formula.
Precision	A precision study using two controls (10.4 µg/dL and 53.3 µg/dL) resulted in a total CV of respectively 8.7% and 5.9%.
Limit of detection	6 µg/dL
Assay time	5 minutes
Sample volume	10 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 or 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 cortisol kit	60-0201
NBCL cortisol calibrator kit	60-0205
NBCL cortisol quality controls kit	60-0206
NBCL CONNECT instrument	80-0800

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