Excellence in Pathology Services

Test Update

From Your Laboratory Service Provider, PathGroup Labs

Testing Provided on Site for Inhibin B

Samuel Smith, MD Lab Director / Jeff Johnson, Clinical Operations Manager

This change will take effect October 19, 2010

Overview and Clinical Utility:

Effective October 19, 2010 PathGroup Labs will begin performing Inhibin B ELISA testing in house. Its primary role appears to be in the regulation of gametogenesis via negative feedback on the production of FSH. Several published reports indicate the utility of measurement of Inhibin B as an endocrine marker for monitoring the male and female gonadal function.

Test Methodology:

The Inhibin B Gen II ELISA is an enzymatically amplified three-step "sandwich" assay using human serum.

Ordering:

Test Code:	Test Name:	CPT:	LOINC:
INHB	**Inhibin B**	**83520**	**34319-4**

Reference interval Inhibin B:

New Methodology: ELISA	**Previous Methodology:** ELISA
Males: < 400	Males: < 400
Females: Normal Menstrual Cycle: 15-200 Postmenopausal: <15	Females: Normal Menstrual Cycle: 15-200 Postmenopausal: <15
Units: pg/mL	Units: pg/mL

Specimen Collection and Storage:

1) Collect specimen in a serum separator tube (SST).
   a) Allow serum tube to clot for 30 minutes.
   b) Spin serum separator tube 10-15 minutes @ 3500 rpm.
2) Serum specimens are stable refrigerated for 48 hours or frozen for 30 days.

Test Performed:

Tuesdays

Turnaround time:

2-5 days

For further questions, please contact Client Services at 615-562-9300 or 1-888-474-5227.