PCOCheck™ Immunoassay*

An Aid in the Detection of PCO Morphology

Introduction: Discordance in results between AMH and antral follicle counts (AFC) have been observed with several commercial AMH tests. The processing and post translational modification of AMH may differ between individuals with different clinical conditions. This may expose new antigenic sites which affect AMH measurements.

A new test from Ansh Labs, the PCOCheck AMH ELISA, uses a two-sided linear epitope antibody that is specifically designed to avoid antibody binding at mutation sites. Not only does this new assay help address the observed AMH and AFC discrepancies, but when combined with the powerful OVACheck reporting software, this assay provides a next generation tool for clinicians to assess ovarian reserve and polycystic ovarian morphology.
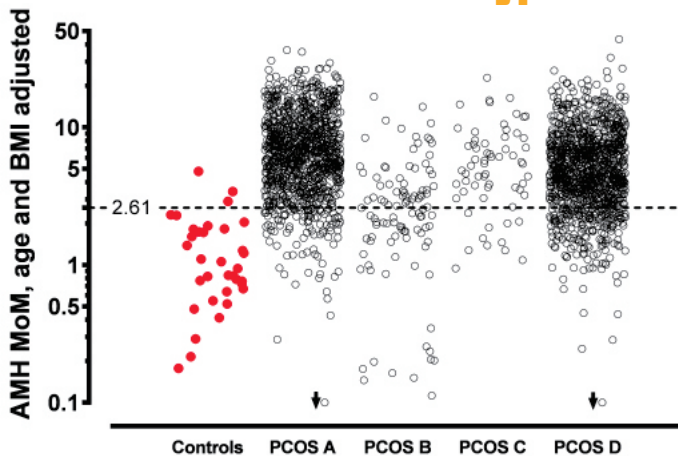
ADVANTAGES OF THIS TEST

- ✓ Uses a two-sided linear epitope antibody with binding epitope away from glycosylation sites.
- ✓ Specially designed to avoid antibody binding to AMH mutation sites.
- ✓ No interference to Biotin or Follistatin.
- ✓ Very precise and clinically accurate results. Highest correlation of any AMH kit to Antral Follicle Count (R>0.89).
- ✓ Excellent sample stability. Sample shipment and storage at ambient temperature for 72 hours.
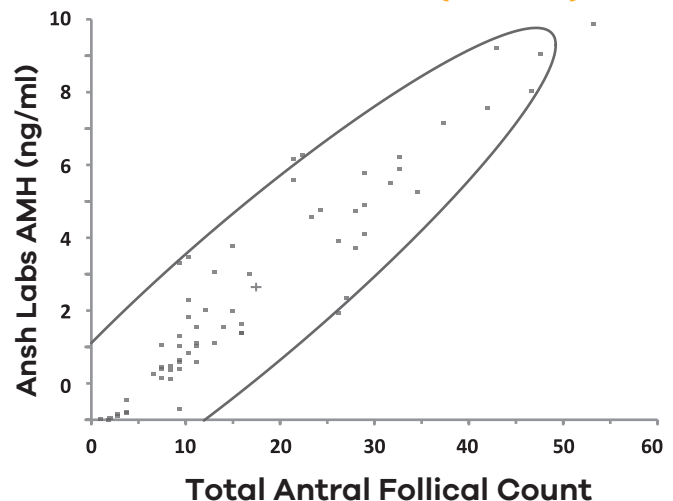- ✓ Easily automatable on Dynex® platforms or other open ELISA systems.

Clinical Case Study: Effect of mutation on Normal and PCOS subjects in their reproductive age, AFC >15

	Pro Mature AMH ELISA (ng/mL)	Mature-Mature AMH ELISA (ng/mL)	PCOCheck AMH ELISA (ng/mL)
Pro + Mature	✓	✓	✓
N-Fragment	✗	✗	✓
C-Fragment	✗	✓	✗
Subject A	0.01	0.056	5.73
Subject B	0.10	0.14	4.99
Subject C	0.11	0.07	6.95
Subject D	0.06	2.61	6.37
Subject E	0.07	3.41	11.11

PCOCheck: PCOS Phenotypes

Antral Follicle Count (R>0.89)

www.OvaCheck.com

445 Medical Center Blvd, Webster, Texas 77598 | www.AnshLabs.com

AnshLabs

OvaCheck™
Software*
Powerful Application for Sample Reporting

Features and Benefits:

- ✅ Web-based, no software to install
- ✅ Easily generate sample reports in pdf format for printing or attaching to patient records
- ✅ Import data from LIS exports and bulk generate pdf reports
- ✅ Importation function pre-screens data for proper formatting, helps prevent corrupt records
- ✅ Customizable header space for facility logo and contact details

Ansh Labs