**Introduction:** Anti-Müllerian hormone is a 140 kDa glycoprotein that is produced during normal embryogenesis by the sertoli cells of the embryonic testis. It causes the involution of the müllerian duct and inhibits female gonadogenesis by inducing apoptosis of target gonadal cells. It belongs to the transforming growth factor-β super family. AMH causes apoptosis of specific müllerian inhibiting substance (MIS) receptor-bearing cells, while having no effect on cells without receptors.

AMH concentration in a sample does not appear to be impacted significantly by normal storage and transportation conditions if proper sample collection practices are followed.

**ANSH LABS ADVANTAGES**

**Accurate**
Standard recombinant human AMH calibrators.

**Specific**
Specific to full length and cleaved complex forms of AMH.

**Reliable**
Excellent precision and consistency of performance from assay-to-assay, lot-to-lot and lab-to-lab.

**Specific to human AMH (associated form)**
Detects the full length and enhanced biologically active associated forms of human AMH.

**Unique mAbs developed against specific linear epitopes on the associated dimers of AMH**
Specificity and consistency of AMH detection.

**Standardized recombinant human AMH calibrators**
Ensure accuracy and reproducibility assay-to-assay and lot-to-lot.

**Analytical measurable range of approximately 0.08-14.2 ng/mL**
Wide dynamic range reduces repeat testing of samples.

**Sensitive to ~23 pg/mL**
Improved detection rate in research studies of compromised gonadal function.
**AMH is a useful research tool in Reproductive Endocrinology studies related to:**

- Gonocytology
- Gonadotoxicity
- Menopause
- Cryptorchidism
- Premature ovarian aging

### ELISA 96 Wells

**Method**
Quantitative 3-step sandwich type immunoassay

**Incubation Time**
Total 2.5 hour incubation at room temperature

**Approximate Dynamic Range**
6 points, 0.08-14.2 ng/mL

**Sensitivity**
0.023 ng/mL

**Sample Size / Type**
25 μL / Serum

**Shelf-life**
24 months

**Catalog Number**
AL-105 [CE]

### Related Assays

- AMH, Dried Blood Spot 96-Well ELISA AL-129 [CE]
- picoAMH (RUO) 96-Well ELISA AL-124-r [RUO]
- PCOCheck AMH 96-Well ELISA AL-107 [CE]

### Speciality Controls

- AnshCheck AMH Tri-Level Controls [FDA, CE]
- AnshCheck Inhibin B Tri-Level Controls
- AnshCheck Maternal Screening Bi-Level Controls [FDA, CE]

### Metabolism

- C-Peptide of Insulin
- GLP-1
- GLP-2
- Glucagon [FDA, CE]

### Growth Factors

- IGF-I, Free
- IGF-I, Total [FDA, CE]
- IGF-II
- IGFBP-2
- IGFBP-3, Intact
- IGFBP-3, Total
- IGFBP-4, Intact
- IGFBP-4, Total
- IGFBP-5
- picoIL-6
- Stanniocalcin 2

### Species Specific Assays

- Activin B - Mouse
- AMH - Bovine, Canine, Equine, Mouse, Ovine, Porcine, Rat
- IGF-I, Free - Mouse, Rat
- IGF-I, Total - Mouse, Rat
- Inhibin A - Canine, Equine, Rodent
- Inhibin B - Canine, Equine, Rodent
- Oxyntomodulin - Mouse, Rat
- PAPP-A2 - Mouse

### Neuronal Disorders

- MBP

*Unless otherwise stated here, in our catalog, or other product documentation, these kits are intended for research use only and not for in vitro diagnostic purposes or therapeutic uses.

**Unless stated otherwise, products are for research use only.**