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-ß 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 adhered. AMH assays are a useful research tool in reproductive endocrinology.

Ansh Labs Advantage

Standardized recombinant human AMH calibrators ensure accuracy and reproducibility assay-to-assay and lot-to-lot

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

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

Analytical measurable range of 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

Reliable

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

The Difference is in the Results. Go Ahead. Test Us!
Anti-Müllerian Hormone

AMH is a useful research tool in Reproductive Endocrinology studies related to:
- Primary ovarian insufficiency
- Oncofertility
- Gonadotoxicity
- Menopause
- Premature ovarian aging
- PCOS - biochemical feature of polycystic ovary syndrome
- Neonatal gender determination
- Cryptorchidism
- Testicular (Leydig/Sertoli cell) function

Additionally, we have proteins and many monoclonal antibodies to Inhibin B and other hormones in the TGF-beta superfamily.

Call us today or visit AnshLabs.com to see what's new in our lab.

Ansh Labs is ISO 13485 and ISO 9001 certified for design, development, manufacturing, services and distribution of reagents/immunoassay kits for research and in vitro diagnostic applications.

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Ordering Information

<table>
<thead>
<tr>
<th>ELISA 96 Wells</th>
<th>CLIA 96 Wells</th>
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<tbody>
<tr>
<td>Method</td>
<td>Quantitative three-step sandwich type immunoassay</td>
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<tr>
<td>Incubation Time</td>
<td>Total 2.5 hour incubation at room temperature</td>
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<tr>
<td>Approximate Dynamic Range</td>
<td>6 points, 0.08 - 14.2 ng/mL 6 points, 0.09 - 20.2 ng/mL</td>
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<td>Limit of Detection</td>
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<td>Sample Size / Type</td>
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<td>Shelf-life</td>
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