

Mouse Anti-Mullerian Hormone (AMH) ELISA Kit | AMH elisa kit

Mouse Anti-Mullerian Hormone (AMH) ELISA Kit

CATALOG #
AAA189681

REACTIVITY
Mouse

PRODUCT SYNONYMS

Anti-Mullerian Hormone (AMH); Mouse Anti-Mullerian Hormone (AMH) ELISA Kit; MIF; MIH; MIS; Müllerian Inhibiting Factor; Müllerian Inhibiting Hormone; Müllerian Inhibiting Substance; AMH/Anti-Mullerian Hormone; AMH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Reactive with Mouse AMH/Anti-Mullerian Hormone This assay has high sensitivity and excellent specificity for detection of Mini Samples Anti-Mullerian Hormone (AMH). No significant cross-reactivity or interference between Mini Samples Anti-Mullerian Hormone (AMH) and analogues was observed.
Assay Type	Competitive
Detection Range	123.5-10,000pg/mL
Sensitivity	48.4pg/mL
Detection Character	Mini Sample detection
Assay Time	3h
Sample Size	15-25ul
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Mini Samples Anti-Mullerian Hormone (AMH) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Mini Samples Anti-Mullerian Hormone (AMH) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10%, Inter-Assay: CV<12%
Assay Procedure Summary	1. Prepare all reagents, samples and standards 2. Add 25uL standard or sample to each well. And then add 25uL prepared Detection Reagent A immediately. Shake and mix. Incubate 1 hour at 37 degree C 3. Aspirate and wash 3 times 4. Add 50uL prepared Detection Reagent B. Incubate 30 minutes at 37 degree C 5. Aspirate and wash 5 times 6. Add 50uL Substrate Solution. Incubate 10-20 minutes at 37 degree C 7. Add 25uL Stop Solution. Read at 450 nm immediately.
Test Principle	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Mini Samples Anti-Mullerian Hormone (AMH) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Mini Samples Anti-Mullerian Hormone (AMH) and unlabeled Mini Samples Anti-Mullerian Hormone (AMH) (Standards or samples) with the pre-coated antibody specific to Mini Samples Anti-Mullerian Hormone (AMH). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Mini Samples Anti-Mullerian Hormone (AMH) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Mini Samples Anti-Mullerian Hormone (AMH) in the sample.

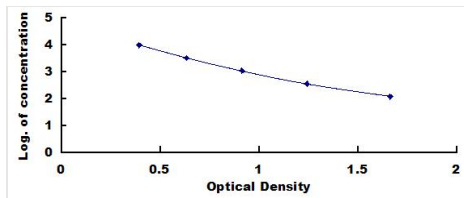
Preparation and Storage

Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life)

Shelf Life: 8 months

The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Product Categories/Family for AMH elisa kit

Endocrinology; Reproductive science; Hormone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	127110
NCBI GeneID	11705
UniProt Accession #	P27106
Molecular Weight	59,778 Da
NCBI Official Full Name	Muellerian-inhibiting factor
NCBI Official Synonym Full Names	anti-Mullerian hormone
NCBI Official Symbol	Amh
NCBI Official Synonym Symbols	MIS
NCBI Protein Information	muellerian-inhibiting factor; anti-Muellerian hormone; Mullerian inhibiting substance; muellerian-inhibiting substance
UniProt Protein Name	Muellerian-inhibiting factor
UniProt Gene Name	Amh
UniProt Synonym Gene Names	AMH; MIS
UniProt Entry Name	MIS_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/anti-mullerian-hormone-amh/189681>