

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

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CATALOG #
AAA20683

REACTIVITY
Mouse

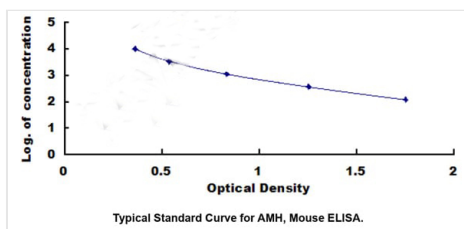
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of AMH. No significant cross-reactivity or interference between AMH and analogues was observed.
Sequence Length	367
Assay Type	Quantitative Competitive
Samples	Mouse serum, plasma and other biological fluids
Detection Range	123.5-10,000pg/mL
Sensitivity	< 50.2pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level AMH were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level AMH were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	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

Related Product Information for AMH elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. An antibody specific to AMH has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled AMH and unlabeled AMH (Standards or samples) with the pre-coated antibody specific to 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 AMH in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of AMH in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of AMH in mouse serum, plasma and other biological fluids.
Product Categories/Family for AMH elisa kit	Endocrinology; Reproductive science; Hormone metabolism
References	Study of LHCGR gene variants in a sample of colombian women with polycystic ovarian syndrome: A pilot study; Journal of King Saud University; 2022 Volume 34, Issue 6; María Camila Alarcón-Granados; Facultad de Ciencias. Grupo de investigación en Ciencias Biomédicas (GICBUPTC), Universidad Pedagógica y Tecnológica de Colombia, Tunja 150003, Colombia

NCBI AND UNIPROT INFORMATION

NCBI GI #	157278197
NCBI GeneID	100049306
NCBI Accession #	NP_001098198.1
NCBI GenBank Nucleotide #	NM_001104728.1
NCBI Official Full Name	muellerian-inhibiting factor
NCBI Official Symbol	amh
NCBI Protein Information	muellerian-inhibiting factor

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/anti-mullerian-hormone-amh/20683>