

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

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CATALOG #
AAA67582

REACTIVITY
Human

PRODUCT SYNONYMS

Anti-Mullerian Hormone (AMH); Human Anti-Mullerian Hormone (AMH) ELISA Kit; AMH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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	560
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Competitive inhibition
Detection Range	46.875-3000pg/mL
Sensitivity	23.2pg/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	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

ADDITIONAL INFORMATION

Related Product Information for AMH elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of AMH in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157266298
NCBI GeneID	268
NCBI Accession #	NP_000470.2
NCBI GenBank Nucleotide #	NM_000479.4

UniProt Accession #	P03971 ; O75246 ; Q6GTN3
Molecular Weight	59,195 Da
NCBI Official Full Name	muellerian-inhibiting factor preproprotein
NCBI Official Synonym Full Names	anti-Mullerian hormone
NCBI Official Symbol	AMH
NCBI Official Synonym Symbols	MIF; MIS
NCBI Protein Information	muellerian-inhibiting factor
UniProt Protein Name	Muellerian-inhibiting factor
UniProt Gene Name	AMH
UniProt Synonym Gene Names	MIF; AMH; MIS

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/human-elisa-kits/anti-mullerian-hormone-amh/67582>