

Rat Mullerian Hormone (AMH) ELISA Kit | AMH elisa kit

Rat Anti-Mullerian Hormone (AMH) Wide-range ELISA Kit

CATALOG # AAA189158	REACTIVITY Rat	APPLICATIONS ELISA
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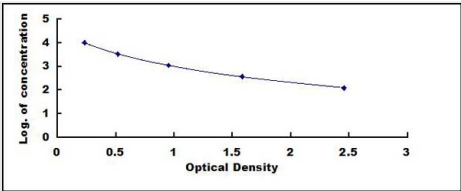
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Wide-range Anti-Mullerian Hormone (AMH). No significant cross-reactivity or interference between Wide-range Anti-Mullerian Hormone (AMH) and analogues was observed.
Sequence Length	553
Assay Type	Competitive Inhibition
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	123.5-10,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 50.1pg/mL
Applicable Applications for AMH elisa kit	ELISA
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Wide-range 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 Wide-range 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%
Test Principle	This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Wide-range Anti-Mullerian Hormone (AMH) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Wide-range Anti-Mullerian Hormone (AMH) and unlabeled Wide-range Anti-Mullerian Hormone (AMH) (Standards or samples) with the pre-coated antibody specific to Wide-range 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 Wide-range 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 Wide-range Anti-Mullerian Hormone (AMH) in the sample.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	25742760
NCBI GeneID	25378
NCBI Accession #	NP_037034.1
NCBI GenBank Nucleotide #	NP_037034.1
UniProt Accession #	P49000
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
UniProt Protein Name	Muellerian-inhibiting factor
UniProt Gene Name	Amh
UniProt Synonym Gene Names	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/rat-elisa-kits/mullerian-hormone-amh/189158>