

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

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CATALOG #
AAA13952

REACTIVITY
Rat

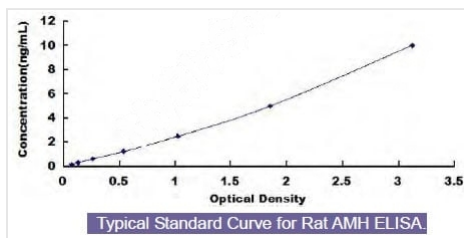
PRODUCT SYNONYMS

Anti-Mullerian Hormone (AMH); Rat Anti-Mullerian Hormone (AMH) ELISA Kit; MIF; MIH; MIS; M $\frac{1}{4}$ Allerian Inhibiting Factor; M $\frac{3}{4}$ Allerian Inhibiting Hormone; M $\frac{1}{4}$ Allerian Inhibiting Substance; AMH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of ALT. No significant cross-reactivity or interference between ALT and analogues was observed.
Sequence Length	553
Samples	Mouse Serum, Plasma, Tissue Homogenates, Cell Lysates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ALT 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 ALT 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AMH elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ALT in mouse serum, plasma, tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ALT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ALT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ALT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ALT in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25742760
NCBI GeneID	25378
NCBI Accession #	NP_037034.1
NCBI GenBank Nucleotide #	NM_012902.1
UniProt Accession #	P49000
Molecular Weight	58,889 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
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/anti-mullerian-hormone-amh/13952>