

Porcine Mullerian Inhibiting Substance/Anti Mullerian Hormone ELISA Kit | MIS/AMH elisa kit

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CATALOG #
AAA88207

REACTIVITY
Porcine

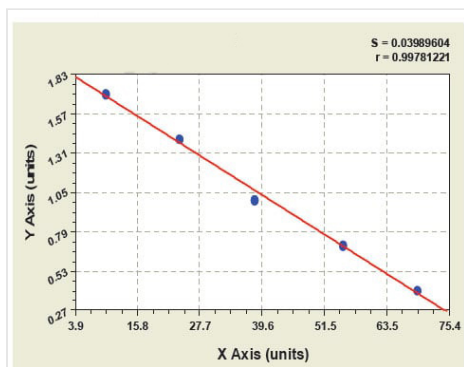
PRODUCT SYNONYMS

Mullerian Inhibiting Substance/Anti Mullerian Hormone; Porcine Mullerian Inhibiting Substance/Anti Mullerian Hormone ELISA Kit; MIS/AMH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This MIS/AMH ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine MIS/AMH. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIS/AMH elisa kit

Principle of the Assay: MIS/AMH ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MIS/AMH antibody and an MIS/AMH-HRP conjugate. The assay sample and buffer are incubated together with MIS/AMH-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MIS/AMH concentration since MIS/AMH from samples and MIS/AMH-HRP conjugate compete for the anti-MIS/AMH antibody binding site. Since the number of sites is limited, as more sites are occupied by MIS/AMH from the sample, fewer sites are left to bind MIS/AMH-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MIS/AMH concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266298
NCBI GeneID	268
NCBI Accession #	NP_000470.2
NCBI GenBank Nucleotide #	NM_000479.3
Molecular Weight	59,195 Da
NCBI Official Full Name	muellerian-inhibiting factor
NCBI Official Synonym Full Names	anti-Mullerian hormone
NCBI Official Symbol	AMH
NCBI Official Synonym Symbols	MIF; MIS
NCBI Protein Information	muellerian-inhibiting factor; anti-Muellerian hormone; Mullerian inhibiting factor; Mullerian inhibiting substance; muellerian-inhibiting substance
UniProt Protein Name	Muellerian-inhibiting factor
UniProt Gene Name	AMH
UniProt Synonym Gene Names	MIF; AMH; MIS
UniProt Entry Name	MIS_HUMAN

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.