

Rat Anti-Mullerian Hormone (AMH) CLIA Kit | AMH clia kit

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CATALOG #
AAA149024

REACTIVITY
Rat

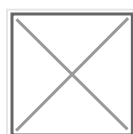
PRODUCT SYNONYMS

Anti-Mullerian Hormone (AMH); Rat Anti-Mullerian Hormone (AMH) CLIA Kit; MIF; MIH; MIS; Müllerian Inhibiting Factor; Müllerian Inhibiting Hormone; Müllerian Inhibiting Substance; AMH clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Anti-Mullerian Hormone (AMH). No significant cross-reactivity or interference between 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	312-5,000pg/mL
Sensitivity	122.8pg/mL
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 clia kit	Intended Uses: The Ceruloplasmin test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring ceruloplasmin in biological samples of humans. Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the CP present in samples reacts with the anti-CP antibodies which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, the Detection Antibody, biotin conjugated anti-CP is added and complexes are formed. Following a wash step, the horseradish peroxidase (HRP) conjugated Streptavidin is added and complexes are formed. After another washing step, the complexes are assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of CP in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of CP in the test sample. The quantity of CP in the sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution!!Background/Introduction: Ceruloplasmin is a multifunctional protein involved in copper transport and is also an important serum antioxidant. During inflammation, traumatic injury, or myocardial infarction, the serum levels of ceruloplasmin, as an acute phase reactant rise 2-3 fold (Misra et al. 1978: Singh 1992).
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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.