

Mouse KREMEN ELISA Kit | KREMEN1 elisa kit

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CATALOG #
AAA263127

REACTIVITY
Mouse

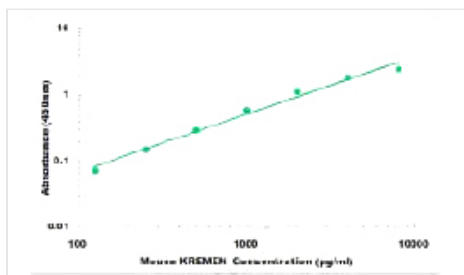
PRODUCT SYNONYMS

KREMEN; Mouse KREMEN ELISA Kit; KRM1; Kremen protein 1; Dickkopf receptor; Kringle domain-containing transmembrane protein 1; Kringle-containing protein marking the eye and the nose; KREMEN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	The Mouse KREMEN ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Mouse KREMEN proteins within the range of 125 pg/ml - 8000 pg/ml.
Sequence Length	473
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for KREMEN1 elisa kit

Principle of the Assay: The Mouse KREMEN ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Mouse KREMEN in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Mouse KREMEN coated on a 96-well plate. Standards and samples are pipetted into the wells and KREMEN present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Mouse KREMEN antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of KREMEN bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: Kremen protein 1 is a protein that in humans is encoded by the KREMEN1 gene. This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor that functionally cooperates with DKK1 to block wntless (WNT)/beta-catenin signaling. The encoded protein is a component of a membrane complex that modulates canonical WNT signaling through lipoprotein receptor-related protein 6 (LRP6). It contains extracellular kringle, WSC, and CUB domains. Alternatively spliced transcript variants encoding distinct isoforms have been observed for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	52345423
NCBI GeneID	84035
NCBI Accession #	NP_115772.2
NCBI GenBank Nucleotide #	NM_032396.3
UniProt Accession #	Q99N43; Q640Q6
Molecular Weight	51,673 Da
NCBI Official Full Name	kremen protein 1
NCBI Official Synonym Full Names	kringle containing transmembrane protein 1
NCBI Official Symbol	Kremen1
NCBI Official Synonym Symbols	Krm1; Kremen; AV002070
NCBI Protein Information	kremen protein 1
UniProt Protein Name	Kremen protein 1
UniProt Gene Name	Kremen1
UniProt Synonym Gene Names	Kremen
UniProt Entry Name	KREM1_MOUSE

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/kremen1-mouse-elisa-kits/kremen/263127>