

Mouse KREMEN1 ELISA Kit | KREMEN1 elisa kit

Mouse Kremen-1 PicoKine ELISA Kit

CATALOG #
AAA46703

REACTIVITY
Mouse

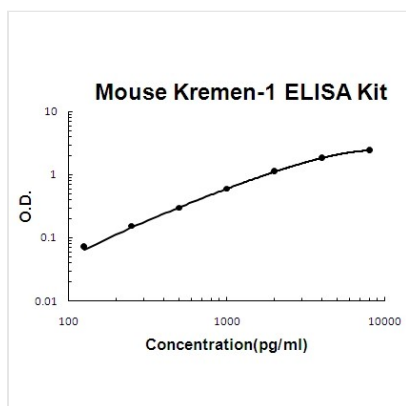
PRODUCT SYNONYMS

KREMEN1; Mouse Kremen-1 PicoKine ELISA Kit; KREMEN; Kremen1; Kremen 1; Kremen-1; KRM1; Kremen protein 1; Q99N43; kringle containing transmembrane protein 1; KREMEN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Kremen-1
Sequence Length	473
Samples	Cell culture supernates, serum and plasma(heparin, EDTA).
Assay Type	Sandwich
Detection Range	125pg/ml-8000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

Mouse Kremen-1 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for KREMEN1 elisa kit	Principle of the Assay: Mouse Kremen-1 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for Kremen-1 has been precoated onto 96-well plates. Standards(Expression system for standard: NSO; Immunogen sequence: A20-G395) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for Kremen-1 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse Kremen-1 amount of sample captured in plate. Background/Introduction: 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.