

ARG82354 Mouse KREMEN1 ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82354-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82354-002	Standard	2 X 10 ng/vial	4°C
ARG82354-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82354-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82354-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82354-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82354-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82354-008	25X Wash buffer	20 ml	4°C
ARG82354-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82354-010	STOP solution	10 ml (Ready to use)	4°C
ARG82354-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82354 Mouse KREMEN1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse KREMEN1 in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	KREMEN1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	62.5 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	125 - 8000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.1% Inter-Assay CV: 6.7%

Alternate Names	KREMEN; KRM1; Dickkopf receptor; Kringle domain-containing transmembrane protein 1; Kremen protein 1; Kringle-containing protein marking the eye and the nose
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Application Instructions

Assay Time	~ 5 hours
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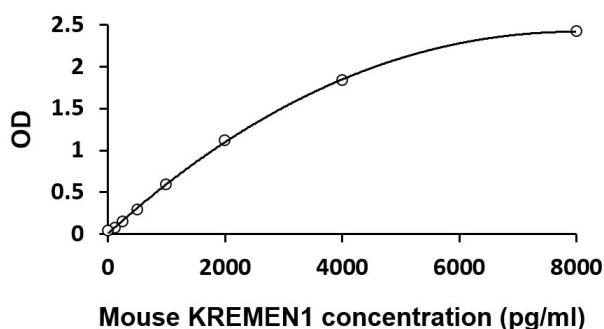
Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	KREMEN1
Gene Full Name	kringle containing transmembrane protein 1
Background	This gene encodes a high-affinity dickkopf homolog 1 (DKK1) transmembrane receptor that functionally cooperates with DKK1 to block wingless (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. [provided by RefSeq, Jul 2008]
Function	Receptor for Dickkopf protein. Cooperates with Dickkopf to block Wnt/beta-catenin signaling (By similarity). [UniProt]
Highlight	Related products: KREMEN1 antibodies ; KREMEN1 ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData
Cellular Localization	Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG82354 Mouse KREMEN1 ELISA Kit standard curve image

ARG82354 Mouse KREMEN1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.