

Mouse SLIT2 ELISA Kit | SLIT2 elisa kit

Mouse SLIT2 PicoKine ELISA Kit

CATALOG #
AAA125201

REACTIVITY
Mouse

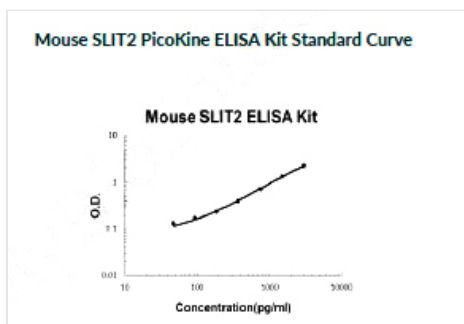
PRODUCT SYNONYMS

SLIT2; Mouse SLIT2 PicoKine ELISA Kit; Mouse SLIT2; slit guidance ligand 2; Slit homolog 2 protein; Slit-2; Slit homolog 2 protein N-product; Slit homolog 2 protein C-product; Slit2; SLIT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant Mouse Slit2
Sequence Length	1521
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Detection Range	46.9pg/ml-3000pg/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 across 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. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLIT2 elisa kit	Principle of the Assay: The Picokine™ Mouse Slit2 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Mouse Slit2 with a 96-well strip plate that is pre-coated with antibody specific for Slit2. The detection antibody is a biotinylated antibody specific for Slit2. The capture antibody is a monoclonal antibody from rat, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Mouse Slit2 with immunogen: Expression system for standard: NSO, Immunogen sequence: Q26-Q900. The kit is analytically validated with ready to use reagents. To measure Mouse Slit2, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Mouse Slit2 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Mouse Slit2 in the sample.!!Background/Introduction: Slit homolog 2 protein is a protein that in humans is encoded by the SLIT2 gene. It is mapped to 5; 5 B3. The protein encoded by this gene is a member of the Slit family of secreted glycoproteins, which function as ligands for the Robo family of immunoglobulin receptors. Slit proteins play highly conserved roles in axon guidance and neuronal migration and may also have functions during other cell migration processes including leukocyte migration. In mammals, members of the slit family are characterized by an N-terminal signal peptide, four leucine-rich repeats, nine epidermal growth factor repeats, and a C-terminal cysteine knot. Mice deficient for this gene exhibit abnormal axonal projections in the embryonic forebrain and develop supernumerary uretic buds that maintain improper connections to the nephric duct. Alternative splicing results in multiple transcript variants.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	166064058
NCBI GeneID	20563
NCBI Accession #	NP_848919.3
NCBI GenBank Nucleotide #	NP_848919.3
UniProt Accession #	Q9R1B9
NCBI Official Full Name	slit homolog 2 protein isoform c
NCBI Official Synonym Full Names	slit guidance ligand 2
NCBI Official Symbol	Slit2
NCBI Official Synonym Symbols	Slit3; Drad-1; slit-2; mKIAA4141; b2b1200.1Clo; E030015M03Rik; E130320P19Rik
NCBI Protein Information	slit homolog 2 protein
UniProt Protein Name	Slit homolog 2 protein
UniProt Gene Name	Slit2
UniProt Synonym Gene Names	Slit-2

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/slit2/125201>