Mouse Slit Homolog 3 Protein (SLIT3) ELISA Kit | SLIT3 elisa kit

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CATALOG #	REACTIVITY
AAA332390	**Mouse**

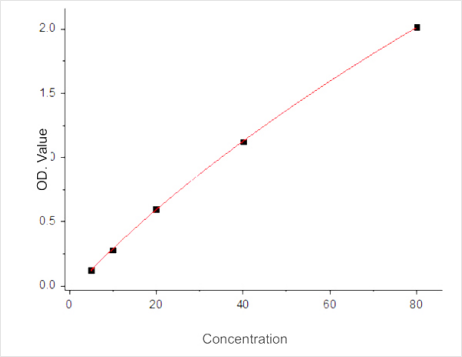
PRODUCT SYNONYMS

Slit Homolog 3 Protein (SLIT3); Mouse Slit Homolog 3 Protein (SLIT3) ELISA Kit; SLIT3; FLJ10764; MEGF5; SLIL2; SLIT1; Slit-3; slit2; slit homolog 3; SLIT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Slit Homolog 3 Protein (SLIT3) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse SLIT3. No significant cross-reactivity or interference between Mouse SLIT3 and analogues was observed.
Sequence Length	1523
Assay Type	Sandwich
Samples	Mouse serum, cell culture supernates and other biological fluids
Detection Range	5 pg/mL - 80 pg/mL
Sensitivity	< 0.5 pg/mL
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLIT3 elisa kit	Background: Slit is a family of secreted extracellular matrix proteins which play an important signalling role in the neural development of most bilaterians (animals with bilateral symmetry). While lower animal species, including insects and nematode worms, possess a single Slit gene, humans, mice and other vertebrates possess three Slit homologs: Slit1, Slit2 and Slit3. Slit homolog 3 protein is a protein that in humans is encoded by the SLIT3 gene. Diseases associated with SLIT3 include Hepatic Adenomas, Familial and Diaphragm Disease. Among its related pathways are Development Slit-Robo signaling and Guidance Cues and Growth Cone Motility. Principle of the Assay: Mouse Slit Homolog 3 Protein (SLIT3) ELISA Kit employs a two-site sandwich ELISA to quantitate SLIT3 in samples. An antibody specific for SLIT3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLIT3 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Mouse SLIT3 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of SLIT3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226823283
NCBI GeneID	20564
NCBI Accession #	NP_035542.2
NCBI GenBank Nucleotide #	NP_035542.2
UniProt Accession #	Q9WVB4
NCBI Official Full Name	slit homolog 3 protein
NCBI Official Synonym Full Names	slit guidance ligand 3
NCBI Official Symbol	Slit3
NCBI Official Synonym Symbols	Slil2; Slit1; b2b2362.1Clo
NCBI Protein Information	slit homolog 3 protein
UniProt Protein Name	Slit homolog 3 protein
UniProt Gene Name	**Slit3**
UniProt Synonym Gene Names	Slit-3; Slit3

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://www.aaabiotech.com/mouse-elisa-kits/slit-homolog-3-protein-slit3/332390