

Mouse Slit Homolog 3 (Slit3) ELISA Kit | Slit3 elisa kit

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CATALOG #
AAA65916

REACTIVITY
Mouse

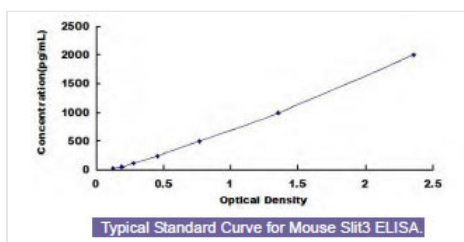
PRODUCT SYNONYMS

Slit Homolog 3 (Slit3); Mouse Slit Homolog 3 (Slit3) ELISA Kit; MEGF5; SLIL2; Multiple epidermal growth factor-like domains protein 5; Slit3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Slit3. No significant cross-reactivity or interference between Slit3 and analogues was observed.
Sequence Length	1523
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	14.5pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Slit3 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Slit3 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slit3 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Slit3 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Slit3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Slit3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Slit3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Slit3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226823283
NCBI GeneID	20564
NCBI Accession #	NP_035542.2
NCBI GenBank Nucleotide #	NM_011412.3
UniProt Accession #	Q9WVB4; B1ATW4
Molecular Weight	167,727 Da
NCBI Official Full Name	slit homolog 3 protein
NCBI Official Synonym Full Names	slit homolog 3 (Drosophila)
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://stage.aaabiotech.com/mouse-elisa-kits/slit-homolog-3-slit3/65916>