

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

Multi-species Slit Homolog 3 (Slit3) ELISA Kit

CATALOG #
AAA20404

REACTIVITY
Human, Mouse, Rat

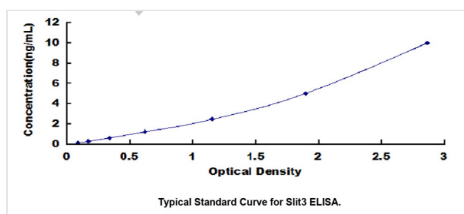
PRODUCT SYNONYMS

Slit Homolog 3 (Slit3); Multi-species Slit Homolog 3 (Slit3) ELISA Kit; Human/Mouse/Rat Slit Homolog 3 (Slit3) (Sandwich ELISA) ELISA Kit; MEGF5; SLIL2; Multiple epidermal growth factor-like domains protein 5; Slit3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	This assay has high sensitivity for detection of Slit3. 100% cross-reactivity of Slit3 was observed among human, mouse and rat.
Sequence Length	1523
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/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	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Slit3 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to Slit3. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody 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 $\pm$ 10nm. The concentration of Slit3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Slit3 in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Due to the 95% homology of the sequence among different species, the kit can be used to detect human, mouse and rat samples.
Product Categories/Family for Slit3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321571
NCBI GeneID	6586
NCBI Accession #	NP_003053.1
NCBI GenBank Nucleotide #	NM_003062.3
UniProt Accession #	O75094; O95804; Q9UFH5; A6H8U9; J3KNP3
Molecular Weight	168,562 Da
NCBI Official Full Name	slit homolog 3 protein isoform 2
NCBI Official Synonym Full Names	slit guidance ligand 3
NCBI Official Symbol	SLIT3
NCBI Official Synonym Symbols	MEGF5; SLIL2; SLIT1; slit2; Slit-3
NCBI Protein Information	slit homolog 3 protein
UniProt Protein Name	Slit homolog 3 protein
UniProt Gene Name	SLIT3
UniProt Synonym Gene Names	KIAA0814; MEGF5; SLIL2; Slit-3; Multiple EGF-like domains protein 5
UniProt Entry Name	SLIT3_HUMAN

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/human-mouse-rat-elisa-kits/slit-homolog-3-slit3/20404>