

Rat Slit Homolog 1 (Slit1) ELISA Kit | Slit1 elisa kit

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CATALOG #
AAA64733

REACTIVITY
Rat

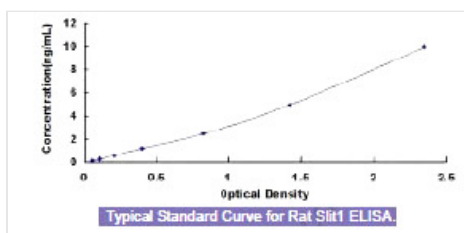
PRODUCT SYNONYMS

Slit Homolog 1 (Slit1); Rat Slit Homolog 1 (Slit1) ELISA Kit; MEGF4; SLIL1; SLIT3; Multiple epidermal growth factor-like domains protein 4; Slit1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Slit1. No significant cross-reactivity or interference between Slit1 and analogues was observed.
Sequence Length	1531
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.052ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Slit1 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 Slit1 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 Slit1 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Slit1 in rat serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Slit1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to Slit1. 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 Slit1, 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 Slit1 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 #	12621130
NCBI GeneID	65047
NCBI Accession #	NP_075242.1
NCBI GenBank Nucleotide #	NM_022953.2
UniProt Accession #	O88279; Q8CJG8; Q8CJG9; Q8CJH0; Q9QWL1; Q9WUG5
Molecular Weight	164,638 Da
NCBI Official Full Name	slit homolog 1 protein
NCBI Official Synonym Full Names	slit guidance ligand 1
NCBI Official Symbol	Slit1
NCBI Official Synonym Symbols	MEGF4
NCBI Protein Information	slit homolog 1 protein
UniProt Protein Name	Slit homolog 1 protein
UniProt Gene Name	Slit1
UniProt Synonym Gene Names	Megf4; Slit-1; Multiple EGF-like domains protein 4

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.