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

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CATALOG #	REACTIVITY
AAA330791	**Human**

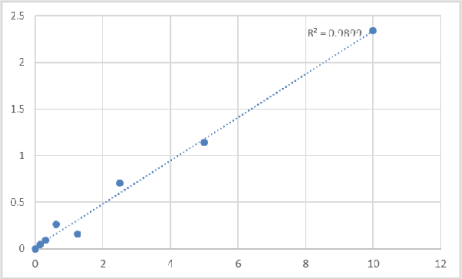
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Slit homolog 3 protein (SLIT3) ELISA Kit has high sensitivity and excellent specificity for detection of Human SLIT3. No significant cross-reactivity or interference between Human SLIT3 and analogues was observed.
Sequence Length	1523
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)
Fig.1. Human Slit homolog 3 protein (SLIT3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SLIT3 elisa kit	Description: This Human 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, a biotin-conjugated antibody specific for SLIT3 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate 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. Background: The SLIT3 cDNA encodes a 1,523-amino acid polypeptide with 41.1% similarity to the Drosophila 'slit' protein. Northern blot analysis revealed that the human SLIT3 gene was expressed as a major 5.5- and a minor 9.5-kb transcript primarily in the thyroid. SLIT1 and SLIT2 mRNAs were primarily expressed in the brain and spinal cord, respectively. In situ hybridization studies indicated that the rat Slit1 mRNA was specifically expressed in the neurons of fetal and adult forebrains. These data suggested that the SLIT genes form an evolutionarily conserved group in vertebrates and invertebrates, and that the mammalian SLIT proteins may participate in the formation and maintenance of the nervous and endocrine systems by protein-protein interactions.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11321571
NCBI GeneID	6586
NCBI Accession #	NP_003053.1
NCBI GenBank Nucleotide #	NP_003053.1
UniProt Accession #	O75094
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
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-elisa-kits/slit-homolog-3-protein-slit3/330791