Human Slit Homolog 2 Protein (SLIT2) ELISA Kit | SLIT2 elisa kit

Human Slit Homolog 2 Protein (SLIT2) ELISA Kit

CATALOG #	REACTIVITY
AAA330792	**Human**

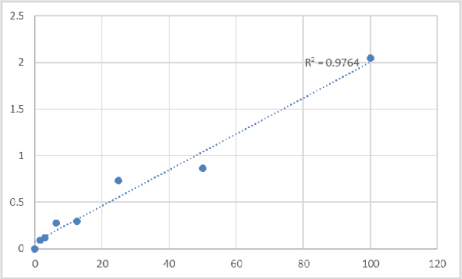
PRODUCT SYNONYMS

Slit Homolog 2 Protein (SLIT2); Human Slit Homolog 2 Protein (SLIT2) ELISA Kit; SLIT2; FLJ14420; SLIL3; Slit-2; slit homolog 2; SLIT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Slit homolog 2 protein (SLIT2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SLIT2. No significant cross-reactivity or interference between Human SLIT2 and analogues was observed.
Sequence Length	1529
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 2 protein (SLIT2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SLIT2 elisa kit	Description: This Human Slit homolog 2 protein (SLIT2) ELISA Kit employs a two-site sandwich ELISA to quantitate SLIT2 in samples. An antibody specific for SLIT2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SLIT2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SLIT2 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 SLIT2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Slit2 plays a vital role in axon guidance by signaling through Robo receptors. Recent evidence suggests that Slit2 protein may function in other settings because human and Xenopus Slit2 has been shown to inhibit leukocyte chemotaxis. SLIT2 protein is a putative ligand for the ROBO receptors. ROBO1 is inactivated by promoter region hypermethylation in <20% of human cancers. Slit2 is an excellent candidate tumor suppressor gene for colorectal cancer,and that it epigenetically silenced in >40% of lung and breast tumors. SLIT2 promoter region methylation was found in 23 (72%) of 32 primary colorectal cancers. In contrast, normal colorectal mucosa from the same patients exhibited significantly lower levels of SLIT2 promoter region hypermethylation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759146
NCBI GeneID	9353
NCBI Accession #	NP_004778.1
NCBI GenBank Nucleotide #	NP_004778.1
UniProt Accession #	O94813
NCBI Official Full Name	slit homolog 2 protein isoform 1
NCBI Official Synonym Full Names	slit guidance ligand 2
NCBI Official Symbol	SLIT2
NCBI Official Synonym Symbols	SLIL3; Slit-2
NCBI Protein Information	slit homolog 2 protein
UniProt Protein Name	Slit homolog 2 protein
UniProt Gene Name	**SLIT2**
UniProt Synonym Gene Names	SLIL3; Slit-2
UniProt Entry Name	SLIT2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/human-elisa-kits/slit-homolog-2-protein-slit2/330792