

Human SLITRK6 ELISA Kit | SLITRK6 elisa kit

Human SLITRK6 PicoKine ELISA Kit

CATALOG #
AAA125205

REACTIVITY
Human

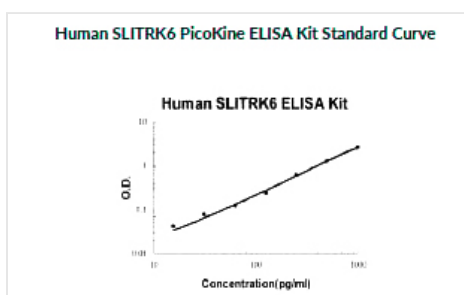
PRODUCT SYNONYMS

SLITRK6; Human SLITRK6 PicoKine ELISA Kit; Human SLITRK6; SLIT and NTRK like family member 6; SLIT and NTRK-like protein 6; SLITRK6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human SLITRK6
Sequence Length	841
Samples	Cell culture supernates, serum and plasma (heparin)
Detection Range	15.6pg/ml-1000pg/ml
Sensitivity	<10pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision across assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLITRK6 elisa kit	Principle of the Assay: The Picokine™ Human SLITRK6 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human SLITRK6 with a 96-well strip plate that is pre-coated with antibody specific for SLITRK6. The detection antibody is a biotinylated antibody specific for SLITRK6. The capture antibody is a monoclonal antibody from mouse, the detection antibody is a biotinylated polyclonal antibody from goat. The kit contains recombinant Human SLITRK6 with immunogen: Expression system for standard: NSO, Immunogen sequence: S27-S608. The kit is analytically validated with ready to use reagents. To measure Human SLITRK6, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbound ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly proportional to Human SLITRK6 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human SLITRK6 in the sample.!!Background/Introduction: SLIT and NTRK-like protein 6 is a protein that in humans is encoded by the SLITRK6 gene. It is mapped to 13q31.1. This gene encodes a member of the SLITRK protein family. Members of this family are integral membrane proteins that are characterized by two N-terminal leucine-rich repeat (LRR) domains and a C-terminal region that shares homology with trk neurotrophin receptors. This protein functions as a regulator of neurite outgrowth required for normal hearing and vision. Mutations in this gene are a cause of myopia and deafness.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	59803110
NCBI GeneID	84189
UniProt Accession #	Q9H5Y7
NCBI Official Full Name	SLIT and NTRK-like protein 6
NCBI Official Synonym Full Names	SLIT and NTRK like family member 6
NCBI Official Symbol	SLITRK6
NCBI Official Synonym Symbols	DFNMYP
NCBI Protein Information	SLIT and NTRK-like protein 6
UniProt Protein Name	SLIT and NTRK-like protein 6
UniProt Gene Name	SLITRK6
UniProt Entry Name	SLIK6_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://stage.aaabiotech.com/human-elisa-kits/sltrk6/125205>