

Human Protein Phosphatase Slingshot Homolog 2 (SSH2) ELISA Kit | SSH2 elisa kit

Human Protein Phosphatase Slingshot Homolog 2 (SSH2) ELISA Kit

CATALOG #
AAA330583

REACTIVITY
Human

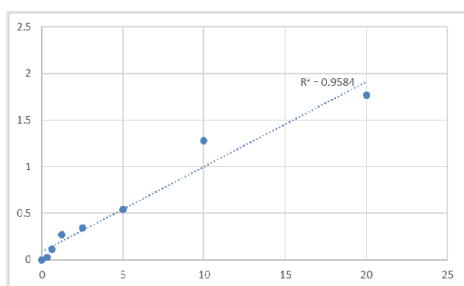
PRODUCT SYNONYMS

Protein Phosphatase Slingshot Homolog 2 (SSH2); Human Protein Phosphatase Slingshot Homolog 2 (SSH2) ELISA Kit; SSH2; KIAA1725; MGC78588; SSH-2; slingshot 2; SSH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein phosphatase Slingshot homolog 2 (SSH2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SSH2. No significant cross-reactivity or interference between Human SSH2 and analogues was observed.
Sequence Length	195
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 Protein phosphatase Slingshot homolog 2 (SSH2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SSH2 elisa kit	Description: This Human Protein phosphatase Slingshot homolog 2 (SSH2) ELISA Kit employs a two-site sandwich ELISA to quantitate SSH2 in samples. An antibody specific for SSH2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SSH2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SSH2 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 SSH2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Two of the human proteins, SSH1L and SSH2, were enzymatically active when reacted with an artificial substrate, p-nitrophenyl phosphate. SSH3 did not exhibit activity toward p-nitrophenyl phosphate, and its expression did not reduce the level of P-cofilin in COS-7 cells. In mammalian cells, SSH1L and SSH2 suppressed LIMK1-induced actin reorganization. Furthermore, ssh, SSH1L, and SSH2 dephosphorylated P-cofilin in cultured cells and in cell-free assays. SSH1 encodes 3 isoforms, SSH1L, SSH1S, and SSH1B, and SSH2 encodes 2 isoforms, SSH2 and SSH2B. The SSH3 protein has 471 amino acids. Besides the catalytic domain, 2 other domains are conserved between Drosophila ssh and the human SSHs (domains A and B) and are unique to the SSH family.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	45829588
NCBI GeneID	85464
UniProt Accession #	Q76I76
NCBI Official Full Name	SSH2 protein
NCBI Official Synonym Full Names	slingshot protein phosphatase 2
NCBI Official Symbol	SSH2
NCBI Official Synonym Symbols	SSH-2; SSH-2L
NCBI Protein Information	protein phosphatase Slingshot homolog 2
UniProt Protein Name	Protein phosphatase Slingshot homolog 2
UniProt Gene Name	SSH2
UniProt Synonym Gene Names	KIAA1725; SSH2L; SSH-2L; hSSH-2L
UniProt Entry Name	SSH2_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://stage.aaabiotech.com/human-elisa-kits/protein-phosphatase-slingshot-homolog-2-ssh2/330583>