

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

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CATALOG #
AAA66336

REACTIVITY
Human

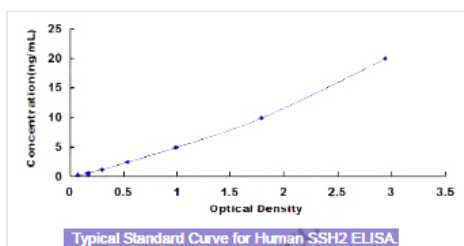
PRODUCT SYNONYMS

Slingshot Homolog 2 (SSH2); Human Slingshot Homolog 2 (SSH2) ELISA Kit; HSSB; REPA1; RF-A; RP-A; RPA70; SSH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SSH2. No significant cross-reactivity or interference between SSH2 and analogues was observed.
Sequence Length	1450
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SSH2 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 SSH2 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 SSH2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SSH2 in human 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 SSH2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SSH2. 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 SSH2, 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 SSH2 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 #	530788323
NCBI GeneID	85464
NCBI Accession #	NP_001269058.1
NCBI GenBank Nucleotide #	NM_001282129.1
UniProt Accession #	Q76I76; Q8TDB5; Q8WYL1; Q8WYL2; Q96F40; Q96H36; Q9C0D8
Molecular Weight	51,492 Da
NCBI Official Full Name	protein phosphatase Slingshot homolog 2 isoform 1
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

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.