

Human Stress-Induced-Phosphoprotein 1 (STIP1) ELISA Kit | STIP1 elisa kit

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CATALOG #
AAA330603

REACTIVITY
Human

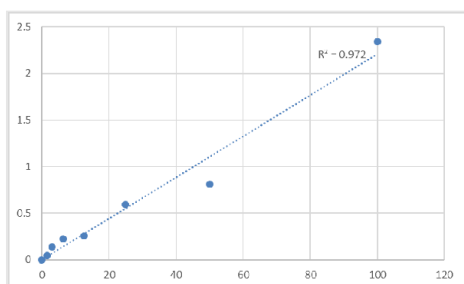
PRODUCT SYNONYMS

Stress-Induced-Phosphoprotein 1 (STIP1); Human Stress-Induced-Phosphoprotein 1 (STIP1) ELISA Kit; STIP1; HOP; IEF-SSP-3521; P60; STI1; STI1L; Hsp70/Hsp90-organizing protein; stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein); STIP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Stress-induced-phosphoprotein 1 (STIP1) ELISA Kit has high sensitivity and excellent specificity for detection of Human STIP1. No significant cross-reactivity or interference between Human STIP1 and analogues was observed.
Sequence Length	543
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 Stress-induced-phosphoprotein 1 (STIP1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for STIP1 elisa kit	Description: This Human Stress-induced-phosphoprotein 1 (STIP1) ELISA Kit employs a two-site sandwich ELISA to quantitate STIP1 in samples. An antibody specific for STIP1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any STIP1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for STIP1 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 STIP1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Hop is the Hsp70-Hsp90 organizing protein. It functions as a co-chaperone which reversibly links together the protein chaperones Hsp70 and Hsp90. The gene for human Hop is located on chromosome 11q13.1 and consists of 14 exons. HOP (the abbreviation stands for Hsp70/Hsp90 Organizing Protein) belongs to the large group of co-chaperones, which regulate and assist the major chaperones (mainly heat shock proteins). It is one of the best studied co-chaperones of the Hsp70/Hsp90-complex. It was first discovered in yeast and homologues were identified in human, mouse, rat, insects, plants, parasites, and virus. The family of these proteins is referred to as STI1 (stress inducible protein) and can be divided into yeast, plant, and animal STI1 (Hop).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5803181
NCBI GeneID	10963
NCBI Accession #	NP_006810.1
NCBI GenBank Nucleotide #	NP_006810.1
UniProt Accession #	P31948
NCBI Official Full Name	stress-induced-phosphoprotein 1 isoform b
NCBI Official Synonym Full Names	stress induced phosphoprotein 1
NCBI Official Symbol	STIP1
NCBI Official Synonym Symbols	HOP; P60; STI1; STI1L; HEL-S-94n; IEF-SSP-3521
NCBI Protein Information	stress-induced-phosphoprotein 1
UniProt Protein Name	Stress-induced-phosphoprotein 1
UniProt Gene Name	STIP1
UniProt Synonym Gene Names	STI1; Hop
UniProt Entry Name	STIP1_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/stress-induced-phosphoprotein-1-stip1/330603>