

Human HAI-2 ELISA Kit | SPINT2 elisa kit

Human HAI-2 ELISA Kit

CATALOG #
AAA263088

REACTIVITY
Human

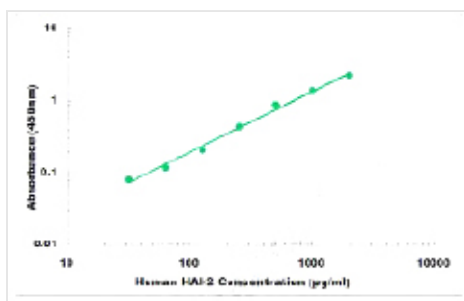
PRODUCT SYNONYMS

HAI-2; Human HAI-2 ELISA Kit; HAI2; KOP; Kunitz-type protease inhibitor 2; Hepatocyte growth factor activator inhibitor type 2; Placental bikunin; SPINT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human HAI-2 ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human HAI-2 proteins within the range of 31.2 pg/ml - 2000 pg/ml.
Sequence Length	195
Samples	Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates
Sensitivity	<10 pg/ml
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SPINT2 elisa kit

Principle of the Assay: The Human HAI-2 ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human HAI-2 in Cell Culture Supernates, Serum, Plasma, Cell Lysates, Tissue Homogenates. This assay employs an antibody specific for Human HAI-2 coated on a 96-well plate. Standards and samples are pipetted into the wells and HAI-2 present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human HAI-2 antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of HAI-2 bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background: Kunitz-type protease inhibitor 2 is an enzyme inhibitor that in humans is encoded by the SPINT2 gene. This gene encodes a transmembrane protein with two extracellular Kunitz domains that inhibits a variety of serine proteases. The protein inhibits HGF activator which prevents the formation of active hepatocyte growth factor. And this gene is a putative tumor suppressor, and mutations in this gene result in congenital sodium diarrhea. Multiple transcript variants encoding different isoforms have been found for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	260656008
NCBI GeneID	10653
NCBI Accession #	NP_001159575.1
NCBI GenBank Nucleotide #	NM_001166103.1
UniProt Accession #	O43291; O00271; O14895; Q5TZQ3; Q969E0; A8K667; B4DLU1
Molecular Weight	21,828 Da
NCBI Official Full Name	kunitz-type protease inhibitor 2 isoform b
NCBI Official Synonym Full Names	serine peptidase inhibitor, Kunitz type 2
NCBI Official Symbol	SPINT2
NCBI Official Synonym Symbols	PB; Kop; HAI2; DIAR3; HAI-2
NCBI Protein Information	kunitz-type protease inhibitor 2
UniProt Protein Name	Kunitz-type protease inhibitor 2
UniProt Gene Name	SPINT2
UniProt Synonym Gene Names	HAI2; KOP; HAI-2
UniProt Entry Name	SPIT2_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/spint2-human-elisa-kits/hai-2/263088>