

Human Inter-alpha-trypsin inhibitor heavy chain H1 ELISA Kit | ITIH1 elisa kit

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CATALOG #
AAA101765

REACTIVITY
Human

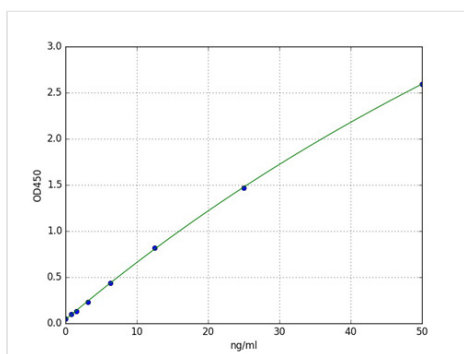
PRODUCT SYNONYMS

Inter-alpha-trypsin inhibitor heavy chain H1; Human Inter-alpha-trypsin inhibitor heavy chain H1 ELISA Kit; ITIH1/Inter-alpha-trypsin inhibitor heavy chain H1/ITI heavy chain H1/ITI-HC1/Inter-alpha-inhibitor heavy chain 1/Inter-alpha-trypsin inhibitor complex component III/Serum-derived hyaluronan-associated protein/SHAP; ITIH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	911
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Human ITIH1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment (N/A-not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.041	0.122	0.145	0.265	0.447	0.845	1.582	2.498

ADDITIONAL INFORMATION

Related Product Information for ITIH1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human ITIH1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ITIH1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ITIH1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ITIH1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156119625
NCBI GeneID	3697
NCBI Accession #	NP_002206.2
NCBI GenBank Nucleotide #	NM_002215.3
Molecular Weight	69,495 Da
NCBI Official Full Name	inter-alpha-trypsin inhibitor heavy chain H1 isoform a preproprotein
NCBI Official Synonym Full Names	inter-alpha-trypsin inhibitor heavy chain 1
NCBI Official Symbol	ITIH1
NCBI Official Synonym Symbols	H1P; ITIH; SHAP; IATIH; IGHEP1; ITI-HC1
NCBI Protein Information	inter-alpha-trypsin inhibitor heavy chain H1
UniProt Protein Name	Inter-alpha-trypsin inhibitor heavy chain H1
UniProt Gene Name	ITIH1
UniProt Synonym Gene Names	IGHEP1; ITI heavy chain H1; ITI-HC1; Inter-alpha-inhibitor heavy chain 1; SHAP
UniProt Entry Name	ITIH1_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/itih1-human-elisa-kits/inter-alpha-trypsin-inhibitor-heavy-chain-h1/101765>