

Human Inter-alpha-trypsin inhibitor heavy chain H4 ELISA Kit | ITIH4 elisa kit

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CATALOG #
AAA17680

REACTIVITY
Human

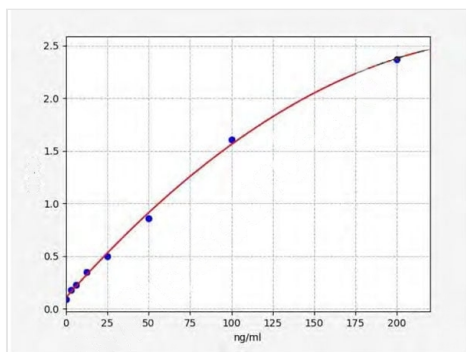
PRODUCT SYNONYMS

Inter-alpha-trypsin inhibitor heavy chain H4; Human Inter-alpha-trypsin inhibitor heavy chain H4 ELISA Kit; ITIH4/gp120/PK-120/H4P/IHRP/ITI-HC4/ITIH1/PK120/heavy chain-like; 1/inter-alpha (globulin) inhibitor H4 (plasma Kallikrein-sensitive glycoprotein)/inter-alpha-trypsin inhibitor family heavy chain-related protein/inter-alpha-trypsin inhibitor heavy chain H4/plasma kallikrein-sensitive glycoprotein 120; ITIH4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ITIH4. No significant cross-reactivity or interference between ITIH4 and analogues was observed.
Sequence Length	921
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for ITIH4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48374067
NCBI GeneID	396799
NCBI Accession #	NP_001001537.1
NCBI GenBank Nucleotide #	NM_001001537.1
Molecular Weight	102,146 Da
NCBI Official Full Name	inter-alpha-trypsin inhibitor heavy chain H4
NCBI Official Symbol	ITIH4
NCBI Official Synonym Symbols	IHRP
NCBI Protein Information	inter-alpha-trypsin inhibitor heavy chain H4
UniProt Protein Name	Inter-alpha-trypsin inhibitor heavy chain H4
UniProt Gene Name	ITIH4
UniProt Synonym Gene Names	IHRP; ITI heavy chain H4; ITI-HC4; Inter-alpha-inhibitor heavy chain 4; IHRP; MAP
UniProt Entry Name	ITIH4_PIG

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/itih4-human-elisa-kits/inter-alpha-trypsin-inhibitor-heavy-chain-h4/17680>