

Human inter-alpha (globulin) inhibitor H1 ELISA Kit | ITIH1 elisa kit

Human inter-alpha-trypsin inhibitor heavy chain H1, ITIH1 ELISA Kit

CATALOG #
AAA15659

REACTIVITY
Human

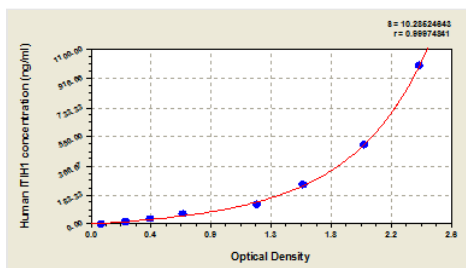
PRODUCT SYNONYMS

inter-alpha (globulin) inhibitor H1; Human inter-alpha-trypsin inhibitor heavy chain H1; ITIH1 ELISA Kit; Human inter-alpha-trypsin inhibitor heavy chain H1 (ITIH1) ELISA Kit; H1P; IATIH; IGHEP1; ITIH; MGC126415; SHAP; inter-alpha (globulin) inhibitor; H1 polypeptide; inter-alpha-trypsin inhibitor complex component III; inter-alpha-trypsin inhibitor heavy chain H1; serum-der; ITIH1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ITIH1. No significant cross-reactivity or interference between human ITIH1 and analogues was observed.
Sequence Length	769
Samples	Serum, plasma, cell culture supernates, urine, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	15.6 ng/ml-1000 ng/ml.
Sensitivity	3.9 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITIH1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ITIH1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ITIH1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ITIH1 is added to the wells. After washing, avidin 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 ITIH1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	261878614
NCBI GeneID	3697
NCBI Accession #	NP_001159906.1
NCBI GenBank Nucleotide #	NM_001166434.2
UniProt Accession #	P19827; P78455; Q01746; Q562G1; A8K9N5; B2RAH9; B7Z558; B7Z8C0; F5H165; F5H7Y8
Molecular Weight	101,389 Da
NCBI Official Full Name	inter-alpha-trypsin inhibitor heavy chain H1 isoform b
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; ITI heavy chain H1; inter-alpha (globulin) inhibitor H1; inter-alpha-inhibitor heavy chain 1; serum-derived hyaluronan-associated protein; inter-alpha (globulin) inhibitor, H1 polypeptide; inter-alpha-trypsin inhibitor complex component III
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-globulin-inhibitor-h1/15659>