

Human inter-alpha (globulin) inhibitor H3 ELISA Kit | ITIH3 elisa kit

Human Inter-alpha-trypsin inhibitor heavy chain H3, ITIH3 ELISA Kit

CATALOG #
AAA112281

REACTIVITY
Human

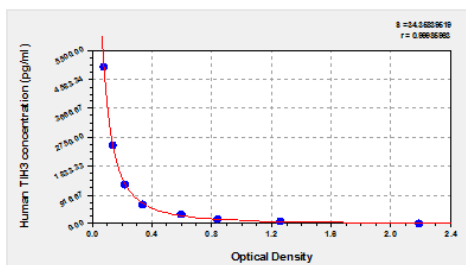
PRODUCT SYNONYMS

inter-alpha (globulin) inhibitor H3; Human Inter-alpha-trypsin inhibitor heavy chain H3; ITIH3 ELISA Kit; Human Inter-alpha-trypsin inhibitor heavy chain H3 (ITIH3) ELISA kit; H3P; inter-alpha (globulin) inhibitor; H3 polypeptide; inter-alpha-trypsin inhibitor heavy chain H3; pre-alpha (globulin) inhibitor; ITIH3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ITIH3. No significant cross-reactivity or interference between Human ITIH3 and analogues was observed.
Sequence Length	890
Samples	Serum, plasma, tissue homogenates
Assay Type	Competitive
Detection Range	78.13 ng/ml-5000 ng/ml
Sensitivity	19.53 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
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 ITIH3 elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with ITIH3. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated antibody preparation specific for ITIH3. The competitive inhibition reaction is launched between with pre-coated ITIH3 and ITIH3 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of ITIH3 in the samples. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	133925809
NCBI GeneID	3699
NCBI Accession #	NP_002208.3
NCBI GenBank Nucleotide #	NM_002217.3
UniProt Accession #	Q06033; Q3B7H5; Q53F06; Q6LAM2; Q99085
Molecular Weight	99,849 Da
NCBI Official Full Name	inter-alpha-trypsin inhibitor heavy chain H3 preproprotein
NCBI Official Synonym Full Names	inter-alpha-trypsin inhibitor heavy chain 3
NCBI Official Symbol	ITIH3
NCBI Official Synonym Symbols	H3P
NCBI Protein Information	inter-alpha-trypsin inhibitor heavy chain H3; SHAP; ITI-HC3; ITI heavy chain H3; inter-alpha (globulin) inhibitor H3; inter-alpha-inhibitor heavy chain 3; serum-derived hyaluronan-associated protein; pre-alpha (globulin) inhibitor, H3 polypeptide; inter-alpha (globulin) inhibitor, H3 polypeptide
UniProt Protein Name	Inter-alpha-trypsin inhibitor heavy chain H3
UniProt Gene Name	ITIH3
UniProt Synonym Gene Names	ITI heavy chain H3; ITI-HC3; Inter-alpha-inhibitor heavy chain 3; SHAP
UniProt Entry Name	ITIH3_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/itih3-human-elisa-kits/inter-alpha-globulin-inhibitor-h3/112281>