

Human inter-alpha (globulin) inhibitor H2 ELISA Kit | ITIH2 elisa kit

Human Inter-alpha-trypsin inhibitor heavy chain H2, ITIH2 ELISA Kit

CATALOG #
AAA113012

REACTIVITY
Human

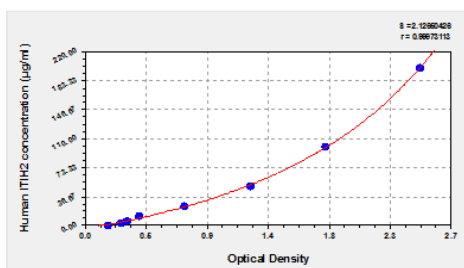
PRODUCT SYNONYMS

inter-alpha (globulin) inhibitor H2; Human Inter-alpha-trypsin inhibitor heavy chain H2; ITIH2 ELISA Kit; Human Inter-alpha-trypsin inhibitor heavy chain H2 (ITIH2) ELISA kit; RP11-264C14.2; H2P; SHAP; ITI heavy chain H2; inter-alpha (globulin) inhibitor; H2 polypeptide; inter-alpha globulin inhibitor H2 polypeptide; inter-alpha-inhibitor heavy chain 2; inter-alpha-trypsin in; ITIH2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ITIH2. No significant cross-reactivity or interference between human ITIH2 and analogues was observed.
Sequence Length	946
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich (Quantitative)
Detection Range	3.12 ug/ml-200 ug/ml.
Sensitivity	0.78 ug/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 ITIH2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ITIH2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ITIH2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ITIH2 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 ITIH2 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 #	70778918
NCBI GeneID	3698
NCBI Accession #	NP_002207.2
NCBI GenBank Nucleotide #	NM_002216.2
UniProt Accession #	P19823; Q14659; Q15484; Q5T986
Molecular Weight	106,463 Da
NCBI Official Full Name	inter-alpha-trypsin inhibitor heavy chain H2
NCBI Official Synonym Full Names	inter-alpha-trypsin inhibitor heavy chain 2
NCBI Official Symbol	ITIH2
NCBI Official Synonym Symbols	H2P; SHAP
NCBI Protein Information	inter-alpha-trypsin inhibitor heavy chain H2; ITI-HC2; ITI heavy chain H2; inter-alpha (globulin) inhibitor H2; inter-alpha-inhibitor heavy chain 2; serum-derived hyaluronan-associated protein; inter-alpha (globulin) inhibitor, H2 polypeptide; inter-alpha-trypsin inhibitor complex component II
UniProt Protein Name	Inter-alpha-trypsin inhibitor heavy chain H2
UniProt Gene Name	ITIH2
UniProt Synonym Gene Names	IGHEP2; ITI heavy chain H2; ITI-HC2; Inter-alpha-inhibitor heavy chain 2; SHAP
UniProt Entry Name	ITIH2_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/itih2-human-elisa-kits/inter-alpha-globulin-inhibitor-h2/113012>