

Human Inter Alpha-trypsin Inhibitor H3 (ITIH3) ELISA Kit | ITIH3 elisa kit

Human Inter Alpha-trypsin Inhibitor H3 (ITIH3) ELISA Kit

CATALOG #
AAA43205

REACTIVITY
Human

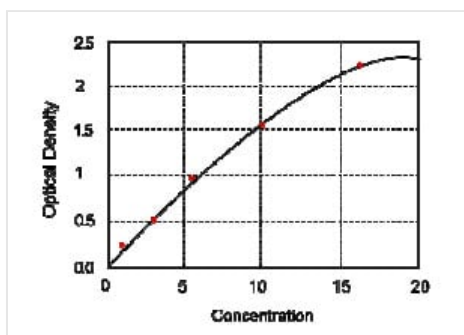
PRODUCT SYNONYMS

Inter Alpha-trypsin Inhibitor H3 (ITIH3); Human Inter Alpha-trypsin Inhibitor H3 (ITIH3) ELISA Kit; ITIH3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	890
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/ml - 1500ng/ml
Sensitivity	2.42ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITIH3 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Inter Alpha-trypsin Inhibitor H3 (also known as ITIH3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ITIH3 antibody. ITIH3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ITIH3 Antibody is added and binds to ITIH3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ITIH3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ITIH3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

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	99,328 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; SHAP; ITI-HC3
NCBI Protein Information	inter-alpha-trypsin inhibitor heavy chain H3
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

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/inter-alpha-trypsin-inhibitor-h3-itih3/43205>