

Mouse Inter Alpha-Globulin Inhibitor H4 (ITIH4) ELISA Kit | ITIH4 elisa kit

Mouse Inter Alpha-Globulin Inhibitor H4 (ITIH4) ELISA Kit

CATALOG #
AAA67022

REACTIVITY
Mouse

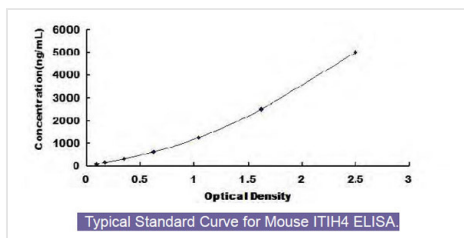
PRODUCT SYNONYMS

Inter Alpha-Globulin Inhibitor H4 (ITIH4); Mouse Inter Alpha-Globulin Inhibitor H4 (ITIH4) ELISA Kit; IHRP; PK120; H4P; ITIHL1; Plasma Kallikrein-Sensitive Glycoprotein; Plasma kallikrein sensitive glycoprotein 120; Inter-alpha-trypsin inhibitor family heavy chain-related protein; ITIH4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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	941
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	78.1-5000ng/mL
Sensitivity	< 33ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ITIH4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ITIH4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITIH4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ITIH4 in mouse serum, plasma, tissue homogenates, cell lysates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ITIH4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ITIH4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ITIH4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ITIH4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	226531069
NCBI GeneID	16427
NCBI Accession #	NP_001152771.1
NCBI GenBank Nucleotide #	NM_001159299.2
UniProt Accession #	A6X935; O54882; Q505P8; Q8C7G9; Q8C7K5; Q91W60; Q9DBK8
Molecular Weight	100,395 Da
NCBI Official Full Name	inter alpha-trypsin inhibitor, heavy chain 4 isoform 2
NCBI Official Synonym Full Names	inter alpha-trypsin inhibitor, heavy chain 4
NCBI Official Symbol	Itih4
NCBI Official Synonym Symbols	Itih-4; PK-120; ITI-HC4
NCBI Protein Information	inter alpha-trypsin inhibitor, heavy chain 4
UniProt Protein Name	Inter alpha-trypsin inhibitor, heavy chain 4
UniProt Gene Name	Itih4
UniProt Synonym Gene Names	ITI heavy chain H4; ITI-HC4; Inter-alpha-inhibitor heavy chain 4

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/mouse-elisa-kits/inter-alpha-globulin-inhibitor-h4-itih4/67022>