

Mouse Inter alpha-trypsin inhibitor, heavy chain 4 ELISA Kit | Itih4 elisa kit

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CATALOG #
AAA194313

REACTIVITY
Mouse

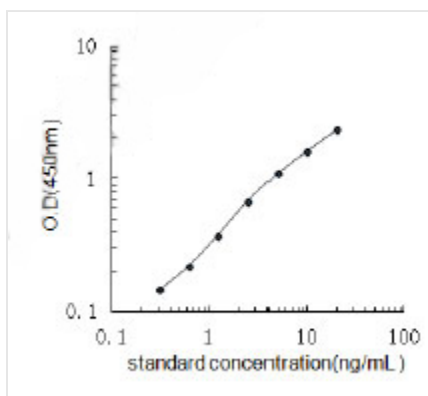
PRODUCT SYNONYMS

Inter alpha-trypsin inhibitor; heavy chain 4; Mouse Inter alpha-trypsin inhibitor; heavy chain 4 ELISA Kit; ITI heavy chain H4; Itih4; Itih4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Inter alpha-trypsin inhibitor, heavy chain 4
Sequence Length	941
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.312-20 ng/mL
Sensitivity	< 0.188 ng/mL
Intra-assay Precision	<=5.3%
Inter-assay Precision	<=7.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Itih4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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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
UniProt Entry Name	ITIH4_MOUSE

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/itih4-mouse-elisa-kits/inter-alpha-trypsin-inhibitor-heavy-chain-4/194313>