

## Human Inter-alpha-trypsin inhibitor heavy chain H6 ELISA Kit | ITIH6 elisa kit

Human Inter-alpha-trypsin inhibitor heavy chain H6 ELISA Kit

CATALOG #  
**AAA192430**

REACTIVITY  
**Human**

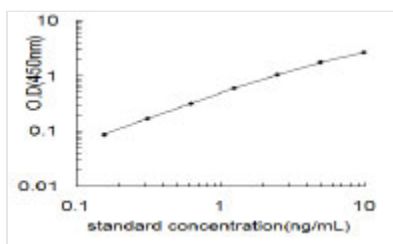
### PRODUCT SYNONYMS

Inter-alpha-trypsin inhibitor heavy chain H6; Human Inter-alpha-trypsin inhibitor heavy chain H6 ELISA Kit; Inter-alpha-trypsin inhibitor heavy chain H5-like protein; Inter-alpha inhibitor H5-like protein; ITIH5L; UNQ6369/PRO21074; ITIH6 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                           |
| Specificity             | This assay recognizes recombinant and natural human Inter-alpha-trypsin inhibitor heavy chain H6. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 1313                                                                                                                                                            |
| Assay Type              | Sandwich                                                                                                                                                        |
| Detection Range         | 0.156-10 ng/mL                                                                                                                                                  |
| Sensitivity             | 0.072ng/mL                                                                                                                                                      |
| Intra-Assay CV          | <=4.8%                                                                                                                                                          |
| Inter-Assay CV          | <=8.7%                                                                                                                                                          |
| Recovery                | 92%                                                                                                                                                             |
| 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 ITIH6 elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Inter-alpha-trypsin inhibitor heavy chain H6 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Inter-alpha-trypsin inhibitor heavy chain H6. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Inter-alpha-trypsin inhibitor heavy chain H6 and 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 Inter-alpha-trypsin inhibitor heavy chain H6, 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 Inter-alpha-trypsin inhibitor heavy chain H6 in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 38348336                                                  |
| NCBI GeneID                      | 347365                                                    |
| NCBI Accession #                 | NP_940912.1                                               |
| NCBI GenBank Nucleotide #        | NM_198510.2                                               |
| UniProt Accession #              | Q6UXX5; A6NN03                                            |
| Molecular Weight                 | 143,187 Da                                                |
| NCBI Official Full Name          | inter-alpha-trypsin inhibitor heavy chain H6              |
| NCBI Official Synonym Full Names | inter-alpha-trypsin inhibitor heavy chain family member 6 |
| NCBI Official Symbol             | ITIH6                                                     |
| NCBI Official Synonym Symbols    | ITIH5L; UNQ6369; dJ14O9.1                                 |
| NCBI Protein Information         | inter-alpha-trypsin inhibitor heavy chain H6              |
| UniProt Protein Name             | Inter-alpha-trypsin inhibitor heavy chain H6              |
| UniProt Gene Name                | ITIH6                                                     |
| UniProt Synonym Gene Names       | ITIH5L; Inter-alpha inhibitor H5-like protein             |
| UniProt Entry Name               | ITIH6_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.