

## Human Serpin B13 ELISA Kit | SERPINB13 elisa kit

Human Serpin B13 ELISA Kit

CATALOG #  
**AAA310133**

REACTIVITY  
**Human**

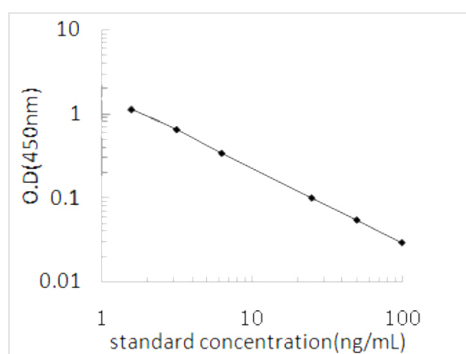
### PRODUCT SYNONYMS

Serpin B13; Human Serpin B13 ELISA Kit; HaCaT UV-repressible serpin; Hurpin; Headpin; Peptidase inhibitor 13; PI-13; Proteinase inhibitor 13; SERPINB13; PI13; SERPINB13 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                         |
| Specificity             | This assay recognizes recombinant and natural Human Serpin B13. No significant cross-reactivity or interference was observed. |
| Assay Type              | Quantitative Competitive                                                                                                      |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids                                       |
| Detection Range         | 1.56-100 ng/mL                                                                                                                |
| Assay Time              | 3-5h                                                                                                                          |
| Sample Volume           | 50T                                                                                                                           |
| Detection Wavelength    | 450 nm                                                                                                                        |
| Preparation and Storage | Store at 4 degree C                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SERPINB13 elisa kit | <p>Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Serpin B13. During the reaction, Serpin B13 in the sample or standard competes with a fixed amount of biotin-labeled Serpin B13 for sites on a pre-coated Monoclonal antibody specific to Serpin B13. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. 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 Serpin B13 in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Serpin B13 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 807201021                                      |
| NCBI GeneID                      | 5275                                           |
| NCBI Accession #                 | NP_001294852.1                                 |
| NCBI GenBank Nucleotide #        | NM_001307923.1                                 |
| UniProt Accession #              | Q9UIV8; Q3MII2; Q9HCX1; Q9UBW1; Q9UKG0; A8K2Q8 |
| Molecular Weight                 | 38,413 Da                                      |
| NCBI Official Full Name          | serpin B13 isoform 1                           |
| NCBI Official Synonym Full Names | serpin family B member 13                      |
| NCBI Official Symbol             | SERPINB13                                      |
| NCBI Official Synonym Symbols    | HUR7; PI13; headpin; HSHUR7SEQ                 |
| NCBI Protein Information         | serpin B13                                     |
| UniProt Protein Name             | Serpin B13                                     |
| UniProt Gene Name                | SERPINB13                                      |
| UniProt Synonym Gene Names       | PI13; Hurpin; PI-13                            |

**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/serpinb13-human-elisa-kits/serpin-b13/310133>