

## Mouse SERPINC1 (Antithrombin-III) ELISA Kit | SERPINC1 elisa kit

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CATALOG #  
**AAA250834**

REACTIVITY  
**Mouse**

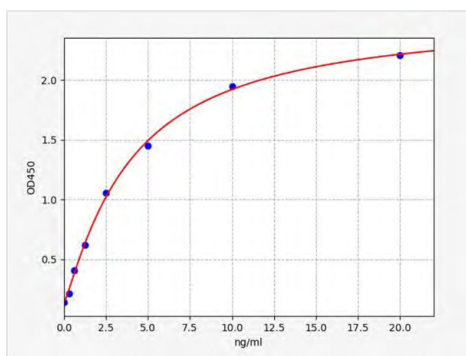
### PRODUCT SYNONYMS

SERPINC1 (Antithrombin-III); Mouse SERPINC1 (Antithrombin-III) ELISA Kit; Antithrombin-III; SERPINC1; SERPINC1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                        |
| Specificity             | Specifically recognize SERPINC1, no obvious cross reaction with other analogues                                                                              |
| Assay Type              | Sandwich                                                                                                                                                     |
| Samples                 | Serum, plasma, cell culture supernatant and other biological samples                                                                                         |
| Detection Range         | 0.313-20ng/ml                                                                                                                                                |
| Sensitivity             | 0.188ng/ml                                                                                                                                                   |
| Intra-assay Precision   | Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.                                                    |
| Inter-assay Precision   | Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.                                        |
| Preparation and Storage | Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SERPINC1 elisa kit | Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti SERPINC1 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti SERPINC1 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with SERPINC1 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of SERPINC1 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value. |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 18252782                                                                                                                                                                 |
| NCBI GeneID                      | 11905                                                                                                                                                                    |
| NCBI Accession #                 | NP_543120.1                                                                                                                                                              |
| NCBI GenBank Nucleotide #        | NM_080844.4                                                                                                                                                              |
| UniProt Accession #              | P32261                                                                                                                                                                   |
| Molecular Weight                 | 52,004 Da                                                                                                                                                                |
| NCBI Official Full Name          | antithrombin-III                                                                                                                                                         |
| NCBI Official Synonym Full Names | serine (or cysteine) peptidase inhibitor, clade C (antithrombin), member 1                                                                                               |
| NCBI Official Symbol             | Serpinc1                                                                                                                                                                 |
| NCBI Official Synonym Symbols    | At3; At-3; ATIII; AI114908                                                                                                                                               |
| NCBI Protein Information         | antithrombin-III; serpin C1; anti-thrombin 3; serpin peptidase inhibitor, clade C, member 1; serine (or cysteine) proteinase inhibitor, clade C (antithrombin), member 1 |
| UniProt Protein Name             | Antithrombin-III                                                                                                                                                         |
| UniProt Gene Name                | Serpinc1                                                                                                                                                                 |
| UniProt Synonym Gene Names       | At3; ATIII                                                                                                                                                               |
| UniProt Entry Name               | ANT3_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/mouse-elisa-kits/serpinc1-antithrombin-iii/250834>