

## Mouse Serine protease inhibitor A3G ELISA Kit | Serpina3g elisa kit

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CATALOG #  
**AAA56202**

REACTIVITY  
**Mouse**

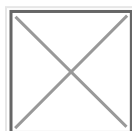
### PRODUCT SYNONYMS

Serine protease inhibitor A3G; Mouse Serine protease inhibitor A3G ELISA Kit; Serpina3g elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                         |
| Specificity             | This assay recognizes recombinant and natural mouse Serpin A3G. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 440                                                                                                                           |
| Assay Type              | Sandwich                                                                                                                      |
| Detection Range         | 0.156-10 ng/mL                                                                                                                |
| Sensitivity             | 0.081 ng/mL                                                                                                                   |
| Intra-Assay CV          | <=6.4%                                                                                                                        |
| Inter-Assay CV          | <=8.5%                                                                                                                        |
| Recovery                | 96%                                                                                                                           |
| 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 Serpina3g elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Serpin A3G. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Serpin A3G 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 Serpin A3G, 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 Serpin A3G in the samples is then determined by comparing the O.D. of the samples to the standard curve.

### NCBI AND UNIPROT INFORMATION

|             |          |
|-------------|----------|
| NCBI GI #   | 86476056 |
| NCBI GeneID | 20715    |

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI Accession #                 | <a href="#">NP_033277.1</a>                                  |
| NCBI GenBank Nucleotide #        | <a href="#">NM_009251.1</a>                                  |
| UniProt Accession #              | <a href="#">Q5I2A0</a> ; <a href="#">Q6PG99</a>              |
| Molecular Weight                 | 49,021 Da                                                    |
| NCBI Official Full Name          | serine protease inhibitor A3G                                |
| NCBI Official Synonym Full Names | serine (or cysteine) peptidase inhibitor, clade A, member 3G |
| NCBI Official Symbol             | Serpina3g                                                    |
| NCBI Official Synonym Symbols    | 2A2; spi2; Spi2A; Spi2-1; AI119734; Spi2/eb.1                |
| NCBI Protein Information         | serine protease inhibitor A3G                                |
| UniProt Protein Name             | Serine protease inhibitor A3G                                |
| UniProt Gene Name                | <b>Serpina3g</b>                                             |
| UniProt Synonym Gene Names       | Spi2A; Serpin A3G; Serpin 2A                                 |
| UniProt Entry Name               | SPA3G_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/serpina3g-mouse-elisa-kits/serine-protease-inhibitor-a3g/56202>