

## Human Selenium-binding protein 1 ELISA Kit | SELENBP1 elisa kit

Human Selenium-binding protein 1 ELISA Kit

CATALOG #  
**AAA310168**

REACTIVITY  
**Human**

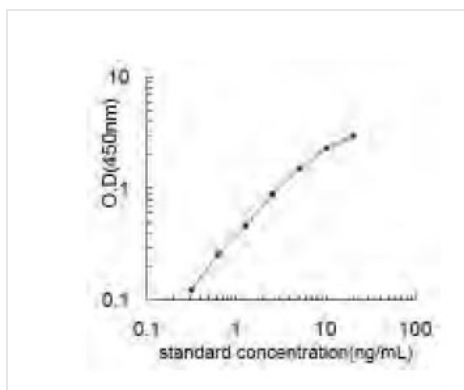
### PRODUCT SYNONYMS

Selenium-binding protein 1; Human Selenium-binding protein 1 ELISA Kit; 56 kDa selenium-binding protein; SBP56; SP56; SELENBP1; SBP; SELENBP1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                               |
| Specificity             | This assay recognizes recombinant and natural General target antigen. No significant cross-reactivity or interference was observed. |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids                                             |
| Detection Range         | 0.312-20 ng/mL                                                                                                                      |
| Sensitivity             | < 0.15 ng/mL                                                                                                                        |
| Intra-assay Precision   | <=5.2%                                                                                                                              |
| Inter-assay Precision   | <=9.8%                                                                                                                              |
| Preparation and Storage | Store at 4 degree C                                                                                                                 |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SELENBP1 elisa kit | <p>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 antibody biotin- conjugated antigen 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.</p> <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 385137128                                                      |
| NCBI GeneID                      | 8991                                                           |
| NCBI Accession #                 | NP_001245217.1                                                 |
| NCBI GenBank Nucleotide #        | NM_001258288.1                                                 |
| UniProt Accession #              | Q13228; Q49AQ8; Q96GX7; A6NML9; A6PVW9; B2RDR3; B4DKP6; B4E1F3 |
| Molecular Weight                 | 56,866 Da                                                      |
| NCBI Official Full Name          | selenium-binding protein 1 isoform 2                           |
| NCBI Official Synonym Full Names | selenium binding protein 1                                     |
| NCBI Official Symbol             | SELENBP1                                                       |
| NCBI Official Synonym Symbols    | LPSB; SP56; hSBP; SBP56; HEL-S-134P                            |
| NCBI Protein Information         | selenium-binding protein 1                                     |
| UniProt Protein Name             | Selenium-binding protein 1                                     |
| UniProt Gene Name                | SELENBP1                                                       |
| UniProt Synonym Gene Names       | SBP; SBP56; SP56                                               |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/selenbp1-human-elisa-kits/selenium-binding-protein-1/310168>