

## Rat Sterol regulatory element-binding protein 2 ELISA Kit | Srebf2 elisa kit

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CATALOG #  
**AAA57413**

REACTIVITY  
**Rat**

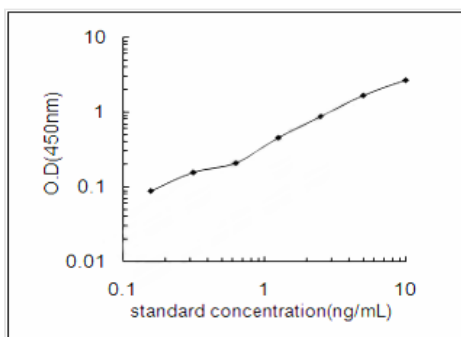
### PRODUCT SYNONYMS

Sterol regulatory element-binding protein 2; Rat Sterol regulatory element-binding protein 2 ELISA Kit; SREBP-2; Sterol regulatory element-binding transcription factor 2; Srebf2; Srebf2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                         |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                                     |
| Specificity             | This assay recognizes recombinant and natural ratSREBP-2. No significant cross-reactivity or interference was observed. |
| Sequence Length         | 1133                                                                                                                    |
| Assay Type              | Sandwich                                                                                                                |
| Detection Range         | 0.156-10 ng/mL                                                                                                          |
| Sensitivity             | 0.078 ng/mL                                                                                                             |
| Intra-Assay CV          | <=4.6%                                                                                                                  |
| Inter-Assay CV          | <=8.3%                                                                                                                  |
| Recovery                | 108%                                                                                                                    |
| 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 Srebf2 elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat SREBP-2 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 SREBP-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SREBP-2 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 SREBP-2, 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 SREBP-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 76096332                                                 |
| NCBI GeneID                      | 300095                                                   |
| NCBI Accession #                 | NP_001028866.1                                           |
| NCBI GenBank Nucleotide #        | NM_001033694.1                                           |
| UniProt Accession #              | Q3T1I5                                                   |
| Molecular Weight                 | 122,976 Da                                               |
| NCBI Official Full Name          | sterol regulatory element-binding protein 2              |
| NCBI Official Synonym Full Names | sterol regulatory element binding transcription factor 2 |
| NCBI Official Symbol             | Srebf2                                                   |
| NCBI Official Synonym Symbols    | SREBP2; SREBP-2; Srebf2_retired                          |
| NCBI Protein Information         | sterol regulatory element-binding protein 2              |
| UniProt Protein Name             | Sterol regulatory element-binding protein 2              |
| UniProt Gene Name                | Srebf2                                                   |
| UniProt Synonym Gene Names       | SREBP-2                                                  |
| UniProt Entry Name               | SRBP2_RAT                                                |

**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/srebf2-rat-elisa-kits/sterol-regulatory-element-binding-protein-2/57413>