

## Rat Free Protein S (FPS) ELISA Kit | FPS elisa kit

Rat Free Protein S (FPS) ELISA Kit

CATALOG #  
**AAA54307**

REACTIVITY  
**Rat**

### PRODUCT SYNONYMS

Free Protein S (FPS); Rat Free Protein S (FPS) ELISA Kit; FPS elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Rat                                                                                                              |
| Specificity             | No cross-reaction with other factors.                                                                            |
| Sequence Length         | 419                                                                                                              |
| Samples                 | Rat serum, plasma or Cell Culture Supernatant and organizations in the natural and recombinant FPS concentration |
| Assay Type              | Sandwich                                                                                                         |
| Detection Range         | 100 ng/ml-1.56 ng/ml                                                                                             |
| Sensitivity             | 0.5 ng/ml.                                                                                                       |
| Intra-assay Precision   | <= 8%                                                                                                            |
| Inter-assay Precision   | <= 12%                                                                                                           |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                              |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

**Related Product Information for FPS elisa kit**

**Principle of the Assay:** This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat FPS monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

### NCBI AND UNIPROT INFORMATION

|                         |                                 |
|-------------------------|---------------------------------|
| NCBI GI #               | <a href="#">215274250</a>       |
| NCBI GeneID             | <a href="#">2224</a>            |
| Molecular Weight        | 40,532 Da                       |
| NCBI Official Full Name | Farnesyl pyrophosphate synthase |

|                                  |                                                                                                                                                                                                                                                         |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Official Synonym Full Names | farnesyl diphosphate synthase                                                                                                                                                                                                                           |
| NCBI Official Symbol             | FDPS                                                                                                                                                                                                                                                    |
| NCBI Official Synonym Symbols    | FPS; FPPS                                                                                                                                                                                                                                               |
| NCBI Protein Information         | farnesyl pyrophosphate synthase; FPP synthase; FPP synthetase; geranyltranstransferase; dimethylallyltranstransferase; (2E,6E)-farnesyl diphosphate synthase; farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase |
| UniProt Protein Name             | Farnesyl pyrophosphate synthase                                                                                                                                                                                                                         |
| UniProt Gene Name                | <b>FDPS</b>                                                                                                                                                                                                                                             |
| UniProt Synonym Gene Names       | FPS; KIAA1293; FPP synthase; FPS                                                                                                                                                                                                                        |
| UniProt Entry Name               | FPPS_HUMAN                                                                                                                                                                                                                                              |

**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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