

## Bovine Fibroblast surface protein ELISA Kit | FSP elisa kit

Bovine Fibroblast surface protein ELISA Kit

CATALOG #  
**AAA94647**

REACTIVITY  
**Bovine**

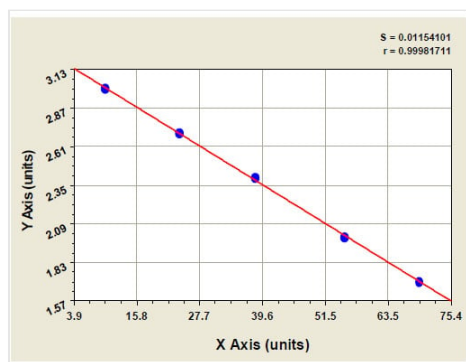
### PRODUCT SYNONYMS

Fibroblast surface protein; Bovine Fibroblast surface protein ELISA Kit; FSP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                            |
| Assay Type              | Competitive                                                                                                                                                                           |
| Detection Range         | 10-250ng/mL                                                                                                                                                                           |
| Sensitivity             | 1.0ng/mL                                                                                                                                                                              |
| Intended Uses           | This FSP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine FSP. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for FSP elisa kit

**Principle of the assay:** FSP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-FSP antibody and an FSP-HRP conjugate. The assay sample and buffer are incubated together with FSP-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the FSP concentration since FSP from samples and FSP-HRP conjugate compete for the anti-FSP antibody binding site. Since the number of sites is limited, as more sites are occupied by FSP from the sample, fewer sites are left to bind FSP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The FSP concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                            |                                  |
|----------------------------|----------------------------------|
| NCBI GI #                  | 685015                           |
| Molecular Weight           | 46,233 Da                        |
| NCBI Official Full Name    | FSP                              |
| UniProt Protein Name       | Stress protein DDR48             |
| UniProt Gene Name          | <b>DDR48</b>                     |
| UniProt Synonym Gene Names | FSP; YMR173W; YM8010.03; DDRP 48 |
| UniProt Entry Name         | DDR48_YEAST                      |

**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://www.aaabiotech.com/fsp-bovine-ovine-elisa-kits/fibroblast-surface-protein/94647>