

## Sheep Phosphofructokinase- Platelet ELISA Kit | PFKP elisa kit

Sheep Phosphofructokinase- Platelet ELISA Kit

CATALOG #  
**AAA88648**

REACTIVITY  
**Sheep**

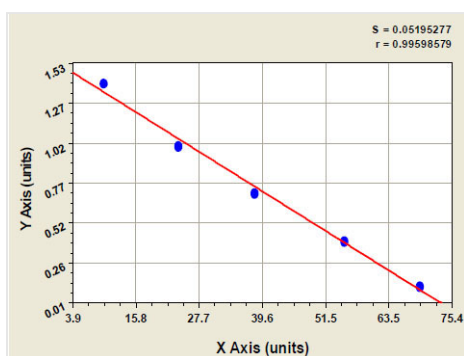
### PRODUCT SYNONYMS

Phosphofructokinase- Platelet; Sheep Phosphofructokinase- Platelet ELISA Kit; PFKP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                             |
| Assay Type              | Competitive                                                                                                                                                                            |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                             |
| Intended Uses           | This PFKP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep PFKP. 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 PFKP elisa kit

**Principle of the assay:** PFKP ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PFKP antibody and an PFKP-HRP conjugate. The assay sample and buffer are incubated together with PFKP-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 PFKP concentration since PFKP from samples and PFKP-HRP conjugate compete for the anti-PFKP antibody binding site. Since the number of sites is limited, as more sites are occupied by PFKP from the sample, fewer sites are left to bind PFKP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PFKP concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for PFKP elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

|                      |                                                    |
|----------------------|----------------------------------------------------|
| NCBI GI #            | 57162486                                           |
| UniProt Accession #  | Q5VSR5                                             |
| Molecular Weight     | 22,677 Da                                          |
| UniProt Protein Name | ATP-dependent 6-phosphofructokinase, platelet type |
| UniProt Gene Name    | PFKP                                               |
| UniProt Entry Name   | Q5VSR5_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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Online datasheet: <https://www.aaabiotech.com/pfkp-sheep-elisa-kits/phosphofructokinase-platelet/88648>