

Porcine Fibroblast surface protein ELISA Kit | FSP elisa kit

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CATALOG #
AAA94110

REACTIVITY
Porcine

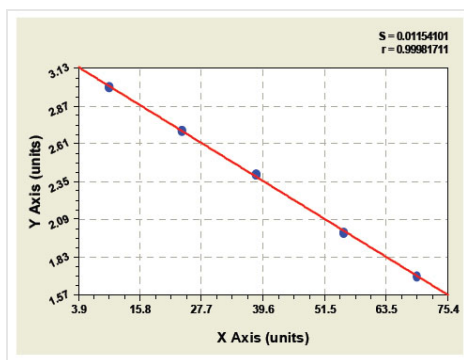
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSP elisa kit

Intended Uses: This FSP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine FSP. This ELISA kit for research use only!

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.

Product Categories/Family for FSP elisa kit

Cardiovascular

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	DDR48
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://stage.aaabiotech.com/fsp-porcine-elisa-kits/fibroblast-surface-protein/94110>