

Human Fibroblast surface protein ELISA Kit | FSP elisa kit

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CATALOG #
AAA82575

REACTIVITY
Human

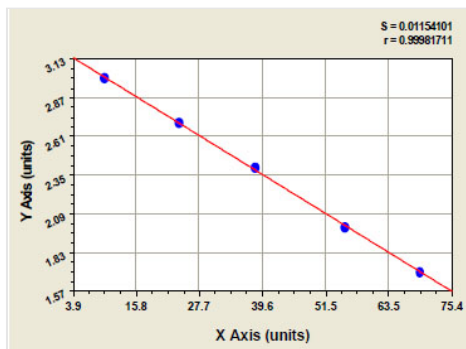
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/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 Human 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	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://www.aaabiotech.com/fsp-human-elisa-kits/fibroblast-surface-protein/82575>