

Human Secreted Frizzled Related Protein ELISA Kit | SFRP elisa kit

Human Secreted Frizzled Related Protein ELISA Kit

CATALOG #
AAA244713

REACTIVITY
Human

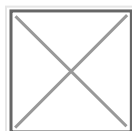
PRODUCT SYNONYMS

Secreted Frizzled Related Protein; Human Secreted Frizzled Related Protein ELISA Kit; SFRP 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	0.1ng/mL
Intended Uses	This SFRP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SFRP. 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 SFRP elisa kit

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

Product Categories/Family for SFRP elisa kit

[Cell Biology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	3033551
NCBI GeneID	6422

Molecular Weight	35,386 Da
NCBI Official Full Name	secreted frizzled related protein
NCBI Official Synonym Full Names	secreted frizzled-related protein 1
NCBI Official Symbol	SFRP1
NCBI Official Synonym Symbols	FRP; FRP1; FrzA; FRP-1; SARP2
NCBI Protein Information	secreted frizzled-related protein 1; SARP-2; sFRP-1; secreted apoptosis-related protein 2
UniProt Protein Name	Secreted frizzled-related protein 1
UniProt Gene Name	SFRP1
UniProt Synonym Gene Names	FRP; FRP1; SARP2; FRP-1; sFRP-1; SARP-2
UniProt Entry Name	SFRP1_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://stage.aaabiotech.com/sfrp-human-elisa-kits/secreted-frizzled-related-protein/244713>