Porcine Secreted Frizzled Related Protein 5 ELISA Kit | SFRP5 elisa kit

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CATALOG #	REACTIVITY
AAA94999	**Porcine**

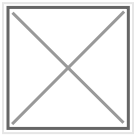
PRODUCT SYNONYMS

Secreted Frizzled Related Protein 5; Porcine Secreted Frizzled Related Protein 5 ELISA Kit; SFRP5 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 SFRP5 elisa kit	**Intended Uses:** This SFRP5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine SFRP5. This ELISA kit for research use only! **Principle of the Assay:** SFRP5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SFRP5 antibody and an SFRP5-HRP conjugate. The assay sample and buffer are incubated together with SFRP5-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 SFRP5 concentration since SFRP5 from samples and SFRP5-HRP conjugate compete for the anti-SFRP5 antibody binding site. Since the number of sites is limited, as more sites are occupied by SFRP5 from the sample, fewer sites are left to bind SFRP5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SFRP5 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SFRP5 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	4583386
NCBI GeneID	6425

Molecular Weight	35,563 Da
NCBI Official Full Name	secreted frizzled-related protein 5
NCBI Official Synonym Full Names	secreted frizzled-related protein 5
NCBI Official Symbol	SFRP5
NCBI Official Synonym Symbols	SARP3
NCBI Protein Information	secreted frizzled-related protein 5; FRP-1b; SARP-3; sFRP-5; frizzled-related protein 1b; secreted apoptosis related protein 3; secreted apoptosis-related protein 3
UniProt Protein Name	Secreted frizzled-related protein 5
UniProt Gene Name	**SFRP5**
UniProt Synonym Gene Names	FRP1B; SARP3; sFRP-5; FRP-1b; SARP-3
UniProt Entry Name	SFRP5_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/sfrp5-porcine-elisa-kits/secreted-frizzled-related-protein-5/94999