

Human SFRP5 ELISA Kit | SFRP5 elisa kit

Human SFRP5 PicoKine ELISA Kit

CATALOG #
AAA46670

REACTIVITY
Human

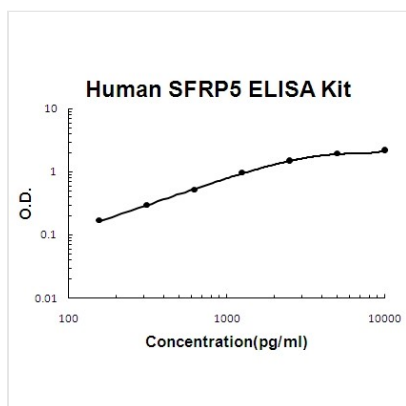
PRODUCT SYNONYMS

SFRP5; Human SFRP5 PicoKine ELISA Kit; FRP1b; FRP 1b; FRP-1b; SARP3; SARP 3; SARP-3; SFRP 5; SFRP-5; Q5T4F7; Secreted frizzled-related protein 5; SFRP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Natural and recombinant Human SFRP5
Sequence Length	317
Samples	Cell culture supernates, serum and plasma(heparin, EDTA).
Assay Type	Sandwich
Detection Range	156pg/ml-10000pg/ml
Sensitivity	<15pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice).

IMAGES



Standard Curve (Sample)

Human SFRP5 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for SFRP5 elisa kit	Principle of the Assay: Human SFRP5 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from mouse specific for SFRP5 has been precoated onto 96-well plates. Standards(Expression system for standard: CHO; Immunogen sequence: E30-H317) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for SFRP5 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human SFRP5 amount of sample captured in plate. Background/Introduction: Secreted frizzled-related protein 5 is a protein that in humans is encoded by the SFRP5 gene. SFRP5 is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wntbinding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. SFRP5 and SFRP1 may be involved in determining the polarity of photoreceptor cells in the retina. SFRP5 is highly expressed in the retinal pigment epithelium, and moderately expressed in the pancreas.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	188528609
NCBI GeneID	6425
NCBI Accession #	NP_003006.2
NCBI GenBank Nucleotide #	NM_003015.3
UniProt Accession #	Q5T4F7; O14780; Q86TH7
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
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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/sfrp5/46670>