

Human Secreted Frizzled-Related Protein 2 (SFRP2) ELISA Kit | SFRP2 elisa kit

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CATALOG #
AAA330891

REACTIVITY
Human

PRODUCT SYNONYMS

Secreted Frizzled-Related Protein 2 (SFRP2); Human Secreted Frizzled-Related Protein 2 (SFRP2) ELISA Kit; SFRP2; FRP-2; SARP1; SDF-5; secreted apoptosis related protein 1; SFRP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Secreted frizzled-related protein 2 (SFRP2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SFRP2. No significant cross-reactivity or interference between Human SFRP2 and analogues was observed.
Sequence Length	295
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Secreted frizzled-related protein 2 (SFRP2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SFRP2 elisa kit	Description: This Human Secreted frizzled-related protein 2 (SFRP2) ELISA Kit employs a two-site sandwich ELISA to quantitate SFRP2 in samples. An antibody specific for SFRP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SFRP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SFRP2 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SFRP2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SFRP2 encodes a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. The partial human SARP1 cDNA encodes a polypeptide that is 95% identical to mouse Sarp1. When expressed in a breast adenocarcinoma cell line, mouse SARP1 and human SARP2 exhibited opposite effects on cell sensitivity to proapoptotic stimuli. Whereas cells with SARP1 had higher resistance, cells expressing SARP2 were sensitized to apoptosis induced by tumor necrosis factor and ceramide. Expression of SARP1 or SARP2 modified the intracellular levels of beta-catenin, an indicator of Wnt-frizzled protein interaction and signal transduction, suggesting that SARPs interfere with the Wnt-frizzled signaling pathway.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48475052
NCBI GeneID	6423
NCBI Accession #	NP_003004.1
NCBI GenBank Nucleotide #	NP_003004.1
UniProt Accession #	Q96HF1
NCBI Official Full Name	secreted frizzled-related protein 2
NCBI Official Synonym Full Names	secreted frizzled related protein 2
NCBI Official Symbol	SFRP2
NCBI Official Synonym Symbols	FRP-2; SARP1; SDF-5
NCBI Protein Information	secreted frizzled-related protein 2
UniProt Protein Name	Secreted frizzled-related protein 2
UniProt Gene Name	SFRP2
UniProt Synonym Gene Names	FRP2; SARP1; FRP-2; sFRP-2; SARP-1
UniProt Entry Name	SFRP2_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/human-elisa-kits/secreted-frizzled-related-protein-2-sfrp2/330891>