

Human Secreted Frizzled-Related Protein 4 (SFRP4) ELISA Kit | SFRP4 elisa kit

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CATALOG #
AAA330890

REACTIVITY
Human

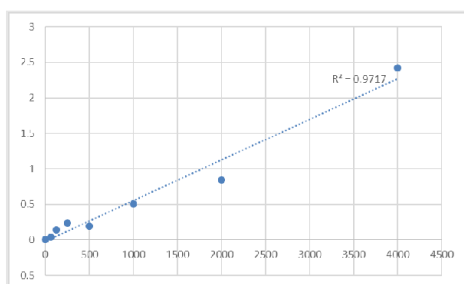
PRODUCT SYNONYMS

Secreted Frizzled-Related Protein 4 (SFRP4); Human Secreted Frizzled-Related Protein 4 (SFRP4) ELISA Kit; SFRP4; FRP-4; FRPHE; MGC26498; secreted frizzled-related protein 4; SFRP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Secreted frizzled-related protein 4 (SFRP4) ELISA Kit has high sensitivity and excellent specificity for detection of Human SFRP4. No significant cross-reactivity or interference between Human SFRP4 and analogues was observed.
Sequence Length	346
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 4 (SFRP4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SFRP4 elisa kit	Description: This Human Secreted frizzled-related protein 4 (SFRP4) ELISA Kit employs a two-site sandwich ELISA to quantitate SFRP4 in samples. An antibody specific for SFRP4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SFRP4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SFRP4 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 SFRP4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Secreted frizzled-related protein 4 (SFRP4) is a member of the SFRP family that contains a cysteine-rich domain homologous to the putative Wnt-binding site of Frizzled proteins. SFRPs act as soluble modulators of Wnt signaling. The expression of SFRP4 in ventricular myocardium correlates with apoptosis related gene expression. Sequence analysis predicted that the 346-amino acid SFRP4 protein contains an N-terminal signal peptide, no transmembrane domain, and a hydrophilic C terminus. In situ hybridization analysis demonstrated exclusive expression in stromal and myometrial cells, particularly in endometrium and breast. Upregulated expression was detected in endometrial and breast carcinomas.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170784838
NCBI GeneID	6424
NCBI Accession #	NP_003005.2
NCBI GenBank Nucleotide #	NP_003005.2
UniProt Accession #	Q6FHJ7
NCBI Official Full Name	secreted frizzled-related protein 4
NCBI Official Synonym Full Names	secreted frizzled related protein 4
NCBI Official Symbol	SFRP4
NCBI Official Synonym Symbols	PYL; FRP-4; FRPHE; FRZB-2; sFRP-4
NCBI Protein Information	secreted frizzled-related protein 4
UniProt Protein Name	Secreted frizzled-related protein 4
UniProt Gene Name	SFRP4
UniProt Synonym Gene Names	FRPHE; sFRP-4; FrpHE
UniProt Entry Name	SFRP4_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-4-sfrp4/330890>