

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

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CATALOG #
AAA64230

REACTIVITY
Human

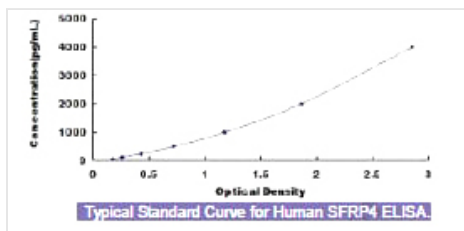
PRODUCT SYNONYMS

Secreted Frizzled Related Protein 4 (SFRP4); Human Secreted Frizzled Related Protein 4 (SFRP4) ELISA Kit; FRP-4; FRPHE; Frizzled protein; human endometrium; SFRP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SFRP4. No significant cross-reactivity or interference between SFRP4 and analogues was observed.
Sequence Length	346
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	26.6pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SFRP4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SFRP4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SFRP4 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SFRP4 in human serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SFRP4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SFRP4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain SFRP4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of SFRP4 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170784838
NCBI GeneID	6424
NCBI Accession #	NP_003005.2
NCBI GenBank Nucleotide #	NM_003014.3
UniProt Accession #	Q6FHJ7; O14877; Q05BG7; Q1ZYW2; Q4G124; Q6FHM0; Q6PD64; B4DYC1
Molecular Weight	39,827 Da
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; 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

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.