

Human secreted frizzled-related protein 2 ELISA Kit | SFRP2 elisa kit

Human Secreted frizzled-related protein 2, SFRP2 ELISA Kit

CATALOG #
AAA18022

REACTIVITY
Human

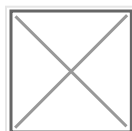
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay 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
Samples	Serum, plasma, cell culture supernates, tissue homogenates, cell lysates.
Detection Range	0.156 ng/ml -10 ng/ml.
Sensitivity	The minimum detectable dose of human SFRP2 is typically less than 0.039 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Assay Type	Sandwich
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SFRP2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, avidin 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48475052
NCBI GeneID	6423
NCBI Accession #	NP_003004.1
NCBI GenBank Nucleotide #	NM_003013.2
UniProt Accession #	Q96HF1; O14778; Q9HAP5; B3KQR2
Molecular Weight	33,490 Da
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; SARP-1; sFRP-2; secreted apoptosis related protein 1; secreted apoptosis-related protein 1
UniProt Protein Name	Secreted frizzled-related protein 2
UniProt Gene Name	SFRP2
UniProt Synonym Gene Names	FRP2; SARP1; FKSG12; UNQ361/PRO697; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/sfrp2-human-elisa-kits/secreted-frizzled-related-protein-2/18022>