Mouse Secreted frizzled-related protein 2 ELISA Kit | Sfrp2 elisa kit

Mouse Secreted frizzled-related protein 2 ELISA Kit

CATALOG #	REACTIVITY
AAA101433	**Mouse**

PRODUCT SYNONYMS

Secreted frizzled-related protein 2; Mouse Secreted frizzled-related protein 2 ELISA Kit; Sfrp2/SARP-1/SDF-5/FRP2/FRP-2/secreted apoptosis related protein 1/SARP1/sFRP-2/Secreted apoptosis-related protein 1; Sfrp2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SFN. No significant cross-reactivity or interference between SFN and analogues was observed.
Sequence Length	295
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SFN were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SFN were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Sfrp2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-SFN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-SFN antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 SFN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of SFN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48475052
NCBI GeneID	6423
NCBI Accession #	NP_003004.1
NCBI GenBank Nucleotide #	NM_003013.2
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
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/sfrp2-mouse-elisa-kits/secreted-frizzled-related-protein-2/101433