

Human SFRP5 ELISA Kit | SFRP5 elisa kit

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CATALOG #
AAA27872

REACTIVITY
Human

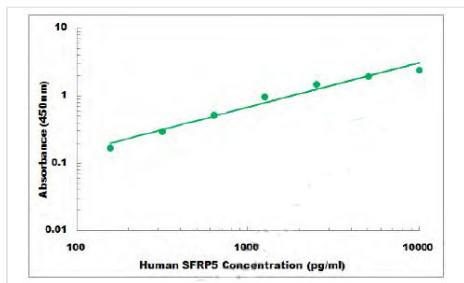
PRODUCT SYNONYMS

SFRP5; Human SFRP5 ELISA Kit; FRP1B; SARP3; Secreted frizzled-related protein 5; sFRP-5; Frizzled-related protein 1b; FRP-1b; Secreted apoptosis-related protein 3; SARP-3; SFRP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	The Human NRCAM ELISA Kit allows for the detection and quantification of endogenous levels of natural and/or recombinant Human NRCAM proteins within the range of 62.5 pg/ml-4000 pg/ml.
Sequence Length	317
Samples	Cell Culture Supernates, Serum, Plasma
Sensitivity	10 pg/ml.
Preparation and Storage	Shipped and store at 4 degree C for 6 months, store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SFRP5 elisa kit

Principle of the Assay: The Human NRCAM ELISA (Enzyme-Linked Immunosorbent Assay) kit is an in vitro enzyme-linked immunosorbent assay for the quantitative measurement of Human NRCAM in Cell Culture Supernates, Serum, Plasma. This assay employs an antibody specific for Human NRCAM coated on a 96-well plate. Standards and samples are pipetted into the wells and NRCAM present in a sample is bound to the wells by the immobilized antibody. The wells are washed and biotinylated anti-Human NRCAM antibody is added. After washing away unbound biotinylated antibody, HRP-conjugated streptavidin is pipetted to the wells. The wells are again washed, a TMB substrate solution is added to the wells and color develops in proportion to the amount of NRCAM bound. The Stop Solution changes the color from blue to yellow, and the intensity of the color is measured at 450 nm.

Background/Introduction: Neuronal cell adhesion molecule is a protein that in humans is encoded by the NRCAM gene. Cell adhesion molecules (CAMs) are members of the immunoglobulin superfamily. This gene encodes a neuronal cell adhesion molecule with multiple immunoglobulin-like C2-type domains and fibronectin type-III domains. This ankyrin-binding protein is involved in neuron-neuron adhesion and promotes directional signaling during axonal cone growth. Also, this gene is expressed in non-neural tissues and may play a general role in cell-cell communication via signaling from its intracellular domain to the actin cytoskeleton during directional cell migration. Allelic variants of this gene have been associated with autism and addiction vulnerability. Alternative splicing results in multiple transcript variants encoding different isoforms.

NCBI AND UNIPROT INFORMATION

NCBI GI #	188528609
NCBI GeneID	6425
NCBI Accession #	NP_003006.2
NCBI GenBank Nucleotide #	NM_003015.3
UniProt Accession #	Q5T4F7; O14780; Q86TH7
Molecular Weight	35,563 Da
NCBI Official Full Name	secreted frizzled-related protein 5
NCBI Official Synonym Full Names	secreted frizzled related protein 5
NCBI Official Symbol	SFRP5
NCBI Official Synonym Symbols	SARP3
NCBI Protein Information	secreted frizzled-related protein 5
UniProt Protein Name	Secreted frizzled-related protein 5
UniProt Gene Name	SFRP5
UniProt Synonym Gene Names	FRP1B; SARP3; sFRP-5; FRP-1b; SARP-3
UniProt Entry Name	SFRP5_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://www.aaabiotech.com/human-elisa-kits/sfrp5/27872>