

Human stratifin ELISA Kit | SFN elisa kit

Human 14-3-3 protein sigma, SFN ELISA Kit

CATALOG #
AAA112407

REACTIVITY
Human

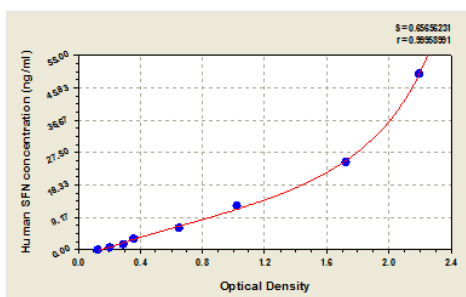
PRODUCT SYNONYMS

stratifin; Human 14-3-3 protein sigma; SFN ELISA Kit; Human 14-3-3 protein sigma (SFN) ELISA kit; YWHAS; 14-3-3 sigma; SFN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SFN. No significant cross-reactivity or interference between human SFN and analogues was observed.
Sequence Length	248
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.78 ng/ml-50 ng/ml
Sensitivity	< 0.195 ng/ml
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 SFN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SFN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SFN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SFN 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 SFN bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5454052
NCBI GeneID	2810
NCBI Accession #	NP_006133.1
NCBI GenBank Nucleotide #	NM_006142.3
UniProt Accession #	P31947; Q6FH30; Q6FH51; Q96DH0
Molecular Weight	27,774 Da
NCBI Official Full Name	14-3-3 protein sigma
NCBI Official Synonym Full Names	stratifin
NCBI Official Symbol	SFN
NCBI Official Synonym Symbols	YWHAS
NCBI Protein Information	14-3-3 protein sigma; 14-3-3 sigma; epithelial cell marker protein 1
UniProt Protein Name	14-3-3 protein sigma
UniProt Gene Name	SFN
UniProt Synonym Gene Names	HME1
UniProt Entry Name	1433S_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/sfn-human-elisa-kits/stratifin/112407>