

Human Fibrous Sheath Interacting Protein 1 (FSIP1) ELISA Kit | FSIP1 elisa kit

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CATALOG #
AAA187448

REACTIVITY
Human

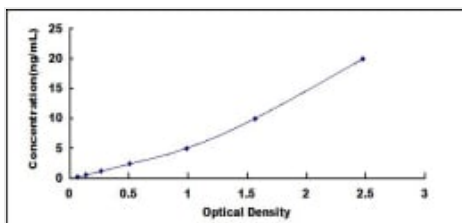
PRODUCT SYNONYMS

Fibrous Sheath Interacting Protein 1 (FSIP1); Human Fibrous Sheath Interacting Protein 1 (FSIP1) ELISA Kit; HDS10; FSIP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Fibrous Sheath Interacting Protein 1 (FSIP1). No significant cross-reactivity or interference between Fibrous Sheath Interacting Protein 1 (FSIP1) and analogues was observed.
Sequence Length	581
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.127ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Fibrous Sheath Interacting Protein 1 (FSIP1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Fibrous Sheath Interacting Protein 1 (FSIP1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for FSIP1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Fibrous Sheath Interacting Protein 1 (FSIP1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Fibrous Sheath Interacting Protein 1 (FSIP1). 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 Fibrous Sheath Interacting Protein 1 (FSIP1), 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 Fibrous Sheath Interacting Protein 1 (FSIP1) 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 #	116089284
NCBI GeneID	161835
NCBI Accession #	NP_689810.3
NCBI GenBank Nucleotide #	NM_152597.4
UniProt Accession #	Q8NA03; Q6X2C8; Q86Y89
Molecular Weight	66,121 Da
NCBI Official Full Name	fibrous sheath-interacting protein 1
NCBI Official Synonym Full Names	fibrous sheath interacting protein 1
NCBI Official Symbol	FSIP1
NCBI Official Synonym Symbols	HSD10
NCBI Protein Information	fibrous sheath-interacting protein 1
UniProt Protein Name	Fibrous sheath-interacting protein 1
UniProt Gene Name	FSIP1

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/human-elisa-kits/fibrous-sheath-interacting-protein-1-fsip1/187448>