

Human Serine/Arginine Rich Splicing Factor 4 (SRSF4) ELISA Kit | SRSF4 elisa kit

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CATALOG #
AAA68716

REACTIVITY
Human

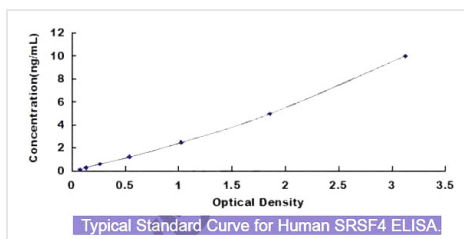
PRODUCT SYNONYMS

Serine/Arginine Rich Splicing Factor 4 (SRSF4); Human Serine/Arginine Rich Splicing Factor 4 (SRSF4) ELISA Kit; SFRS4; SRP75; SRP001LB; Pre-mRNA-splicing factor SRP75; Splicing factor; arginine/serine-rich 4; SRSF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SRSF4. No significant cross-reactivity or interference between SRSF4 and analogues was observed.
Sequence Length	494
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SRSF4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level SRSF4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SRSF4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SRSF4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SRSF4. 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 SRSF4, 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 SRSF4 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SRSF4 in human tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361282
NCBI GeneID	6429
NCBI Accession #	NP_005617.2
NCBI GenBank Nucleotide #	NM_005626.4
UniProt Accession #	Q08170; Q5VXP1; Q9BUA4; Q9UEB5
Molecular Weight	56,678 Da
NCBI Official Full Name	serine/arginine-rich splicing factor 4
NCBI Official Synonym Full Names	serine and arginine rich splicing factor 4
NCBI Official Symbol	SRSF4
NCBI Official Synonym Symbols	SFRS4; SRP75
NCBI Protein Information	serine/arginine-rich splicing factor 4
UniProt Protein Name	Serine/arginine-rich splicing factor 4
UniProt Gene Name	SRSF4
UniProt Synonym Gene Names	SFRS4; SRP75

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/human-elisa-kits/serine-arginine-rich-splicing-factor-4-srsf4/68716>