

Human Signal Recognition Particle Receptor (SRPR) ELISA Kit | SRPR elisa kit

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CATALOG #
AAA188254

REACTIVITY
Human

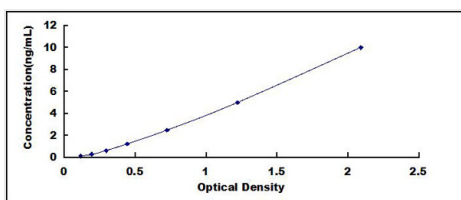
PRODUCT SYNONYMS

Signal Recognition Particle Receptor (SRPR); Human Signal Recognition Particle Receptor (SRPR) ELISA Kit; DP; SRP-alpha; Sralpha; Docking Protein; Signal recognition particle receptor subunit alpha; SRPR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Signal Recognition Particle Receptor (SRPR). No significant cross-reactivity or interference between Signal Recognition Particle Receptor (SRPR) and analogues was observed.
Sequence Length	610
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.057ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Signal Recognition Particle Receptor (SRPR) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Signal Recognition Particle Receptor (SRPR) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ 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 SRPR 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 Signal Recognition Particle Receptor (SRPR). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Signal Recognition Particle Receptor (SRPR). 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 Signal Recognition Particle Receptor (SRPR), 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 Signal Recognition Particle Receptor (SRPR) 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 #	295424842
NCBI GeneID	6734
NCBI Accession #	NP_001171313
NCBI GenBank Nucleotide #	NP_001171313.1
UniProt Accession #	P08240
NCBI Official Full Name	signal recognition particle receptor subunit alpha isoform 2
NCBI Official Synonym Full Names	SRP receptor subunit alpha
NCBI Official Symbol	SRPRA
NCBI Official Synonym Symbols	DP; SRPR; Sralpha
NCBI Protein Information	signal recognition particle receptor subunit alpha
UniProt Protein Name	Signal recognition particle receptor subunit alpha
UniProt Gene Name	SRPR
UniProt Synonym Gene Names	SR-alpha; DP-alpha
UniProt Entry Name	SRPR_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/human-elisa-kits/signal-recognition-particle-receptor-srpr/188254>