

Human Signal Recognition Particle 19 kDa Protein (SRP19) ELISA Kit | SRP19 elisa kit

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CATALOG #
AAA330579

REACTIVITY
Human

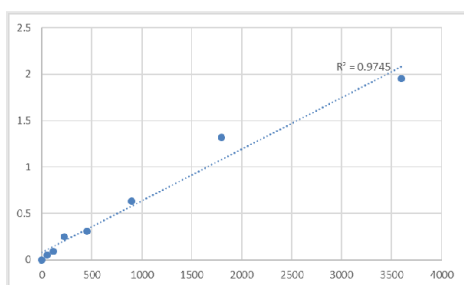
PRODUCT SYNONYMS

Signal Recognition Particle 19 kDa Protein (SRP19); Human Signal Recognition Particle 19 kDa Protein (SRP19) ELISA Kit; SRP19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Signal recognition particle 19 kDa protein (SRP19) ELISA Kit has high sensitivity and excellent specificity for detection of Human SRP19. No significant cross-reactivity or interference between Human SRP19 and analogues was observed.
Sequence Length	110
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Signal recognition particle 19 kDa protein (SRP19) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SRP19 elisa kit	Description: This Human Signal recognition particle 19 kDa protein (SRP19) ELISA Kit employs a two-site sandwich ELISA to quantitate SRP19 in samples. An antibody specific for SRP19 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SRP19 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SRP19 is added to the wells. After washing, Streptavidin 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 SRP19 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The signal recognition particle (SRP) is a ribonucleoprotein complex that mediates the targeting of proteins to the endoplasmic reticulum (ER). SRP has at least 3 distinct functions that can be associated with the protein subunits: signal recognition, translational arrest, and ER membrane targeting by interaction with the docking protein. Sequence analysis showed that SRP19 contains a very basic C-terminal domain of 7 lysine residues interrupted by 2 glycine residues. Northern blot analysis revealed expression of a 0.9 kb transcript in HeLa cells. SDS-PAGE analysis showed that SRP19 is expressed as a 19-kD protein, identical in size to canine SRP19. Functional analysis determined that the SRP19 protein binds to 7SL RNA in canine pancreas.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	323510696
NCBI GeneID	6728
NCBI Accession #	NP_001191122.1
NCBI GenBank Nucleotide #	NP_001191122.1
UniProt Accession #	P09132
NCBI Official Full Name	signal recognition particle 19 kDa protein isoform 2
NCBI Official Synonym Full Names	signal recognition particle 19
NCBI Official Symbol	SRP19
NCBI Protein Information	signal recognition particle 19 kDa protein
UniProt Protein Name	Signal recognition particle 19 kDa protein
UniProt Gene Name	SRP19
UniProt Synonym Gene Names	SRP19
UniProt Entry Name	SRP19_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-19-kda-protein-srp19/330579>