

Mouse Signal Recognition Particle Antibody ELISA Kit | SRP elisa kit

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CATALOG #
AAA82399

REACTIVITY
Mouse

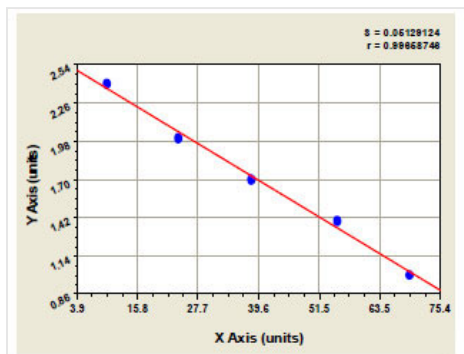
PRODUCT SYNONYMS

Signal Recognition Particle Antibody; Mouse Signal Recognition Particle Antibody ELISA Kit; SRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SRPAb. No significant cross-reactivity or interference between SRPAb and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SRPAb and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SRP elisa kit	Intended Uses: This SRPAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SRPAb. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: SRPAb ELISA kit applies the competitive enzyme immunoassay technique utilizing a SRP antigen and an SRPAb-HRP conjugate. The assay sample and buffer are incubated together with SRPAb-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SRPAb concentration since SRPAb from samples and SRPAb-HRP conjugate compete for the GLS antigen binding site. Since the number of sites is limited, as more sites are occupied by SRPAb from the sample, fewer sites are left to bind SRPAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SRPAb concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SRP elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1256820
NCBI GeneID	6729
Molecular Weight	50,369 Da
NCBI Official Full Name	signal recognition particle
NCBI Official Synonym Full Names	signal recognition particle 54kDa
NCBI Official Symbol	SRP54
NCBI Protein Information	signal recognition particle 54 kDa protein; signal recognition particle 54kD
UniProt Protein Name	Signal recognition particle 54 kDa protein
UniProt Gene Name	SRP54
UniProt Synonym Gene Names	SRP54
UniProt Entry Name	SRP54_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/srp-mouse-elisa-kits/signal-recognition-particle-antibody/82399>