

Mouse Anti-Ribosomal P Protein Antibody ELISA Kit | ARPA elisa kit

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CATALOG #
AAA16477

REACTIVITY
Mouse

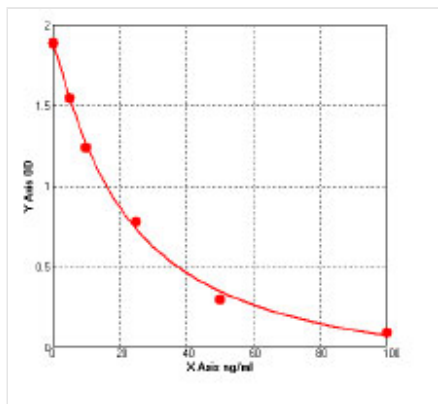
PRODUCT SYNONYMS

Anti-Ribosomal P Protein Antibody; Mouse Anti-Ribosomal P Protein Antibody ELISA Kit; ARPA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of RibP-Ab. No significant cross-reactivity or interference between RibP-Ab and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RibP-Ab 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 ARPA elisa kit	Intended Uses: This RibP-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse RibP-Ab. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: RibP-Ab ELISA kit applies the competitive enzyme immunoassay technique utilizing Ribosomal P Protein antigen and an RibP-Ab-HRP conjugate. The assay sample and buffer are incubated together with RibP-Ab-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 RibP-Ab concentration since RibP-Ab from samples and RibP-Ab-HRP conjugate compete for the Ribosomal P Protein antigen binding site. Since the number of sites is limited, as more sites are occupied by RibP-Ab from the sample, fewer sites are left to bind RibP-Ab-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RibP-Ab concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	229554800
Molecular Weight	28,522 Da
NCBI Official Full Name	ARPa, partial
UniProt Protein Name	ARPa
UniProt Gene Name	ARPa
UniProt Entry Name	C4NFR8_9CARY

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/arpa-mouse-elisa-kits/anti-ribosomal-p-protein-antibody/16477>