

Mouse RPS6KB1/Ribosomal Protein S6 Kinase beta-1 ELISA Kit | RPS6KB1 elisa kit

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CATALOG #
AAA196813

REACTIVITY
Mouse

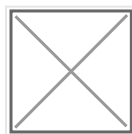
PRODUCT SYNONYMS

RPS6KB1/Ribosomal Protein S6 Kinase beta-1; Mouse RPS6KB1/Ribosomal Protein S6 Kinase beta-1 ELISA Kit; Ribosomal protein S6 kinase beta-1; 70 kDa ribosomal protein S6 kinase 1; P70S6K1; Ribosomal protein S6 kinase I; S6K; p70 ribosomal S6 kinase alpha; p70 S6 kinase alpha; RPS6KB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse Rps6kb1/ Ribosomal protein S6 kinase beta-1
Sequence Length	525
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.075 ng/mL
Intra-assay Precision	<=5.2%
Inter-assay Precision	<=8.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPS6KB1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #

166999987

NCBI GeneID	72508
NCBI Accession #	NP_001107806.1
NCBI GenBank Nucleotide #	NM_001114334.2
UniProt Accession #	Q8BSK8
NCBI Official Full Name	ribosomal protein S6 kinase beta-1 isoform 1
NCBI Official Synonym Full Names	ribosomal protein S6 kinase, polypeptide 1
NCBI Official Symbol	Rps6kb1
NCBI Official Synonym Symbols	S6K; S6K1; p70s6k; P70S6K1; AA959758; AI256796; AI314060; p70 S6KA; p70-S6K 1; p70/85s6k; S6K-beta-1; 2610318I15Rik; p70 S6K-alpha
NCBI Protein Information	ribosomal protein S6 kinase beta-1
UniProt Protein Name	Ribosomal protein S6 kinase beta-1
UniProt Gene Name	Rps6kb1
UniProt Synonym Gene Names	S6K-beta-1; S6K1; P70S6K1; p70-S6K 1; S6K; p70 S6 kinase alpha; p70 S6K-alpha; p70 S6KA
UniProt Entry Name	KS6B1_MOUSE

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/mouse-elisa-kits/rps6kb1-ribosomal-protein-s6-kinase-beta-1/196813>