

Human Ribosomal protein S6 kinase beta-1 (RPS6KB1) ELISA Kit | RPS6KB1 elisa kit

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CATALOG #
AAA43967

REACTIVITY
Human

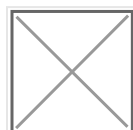
PRODUCT SYNONYMS

Ribosomal protein S6 kinase beta-1 (RPS6KB1); Human Ribosomal protein S6 kinase beta-1 (RPS6KB1) ELISA Kit; RPS6KB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	502
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.027ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPS6KB1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Ribosomal Protein S6 Kinase Beta-1 (also known as RPS6KB1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human RPS6KB1 antibody. RPS6KB1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human RPS6KB1 Antibody is added and binds to RPS6KB1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated RPS6KB1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human RPS6KB1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	440546416
NCBI GeneID	6198

NCBI Accession #	NP_001258989.1
NCBI GenBank Nucleotide #	NM_001272060.1
UniProt Accession #	P23443; Q7Z721; B2R779; B4DLT4; B4DTG1; E7ESB8; F6UYM1
Molecular Weight	56,189 Da
NCBI Official Full Name	ribosomal protein S6 kinase beta-1 isoform e
NCBI Official Synonym Full Names	ribosomal protein S6 kinase B1
NCBI Official Symbol	RPS6KB1
NCBI Official Synonym Symbols	S6K; PS6K; S6K1; STK14A; p70-S6K; p70 S6KA; p70-alpha; S6K-beta-1; 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	STK14A; S6K-beta-1; S6K1; P70S6K1; p70-S6K 1; p70 S6 kinase alpha; p70 S6K-alpha; p70 S6KA

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/ribosomal-protein-s6-kinase-beta-1-rps6kb1/43967>