

Human RPS10 (40S ribosomal protein S10) ELISA Kit | RPS10 elisa kit

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CATALOG #
AAA249597

REACTIVITY
Human

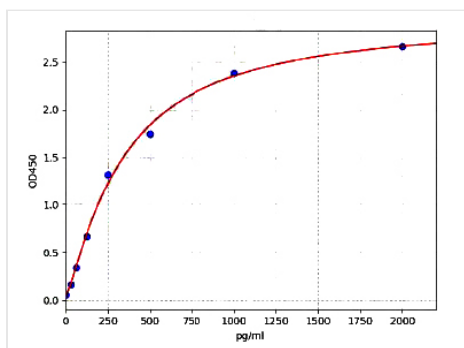
PRODUCT SYNONYMS

RPS10 (40S ribosomal protein S10); Human RPS10 (40S ribosomal protein S10) ELISA Kit; 40S ribosomal protein S10; Small ribosomal subunit protein eS10; RPS10; RPS10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RPS10. No significant cross-reactivity or interference between RPS10 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPS10 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506679
NCBI GeneID	6204
NCBI Accession #	NP_001005.1
NCBI GenBank Nucleotide #	NM_001014.4
UniProt Accession #	P46783; Q5TZC0; B2R4E3
Molecular Weight	18,898 Da
NCBI Official Full Name	40S ribosomal protein S10
NCBI Official Synonym Full Names	ribosomal protein S10
NCBI Official Symbol	RPS10
NCBI Official Synonym Symbols	S10; DBA9
NCBI Protein Information	40S ribosomal protein S10
UniProt Protein Name	40S ribosomal protein S10
UniProt Gene Name	RPS10
UniProt Entry Name	RS10_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/rps10-40s-ribosomal-protein-s10/249597>