

Mouse 40S ribosomal protein S3 (RPS3) ELISA Kit | RPS3 elisa kit

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CATALOG #
AAA245874

REACTIVITY
Mouse

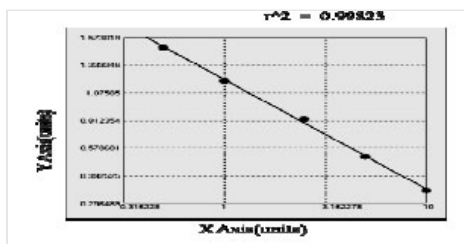
PRODUCT SYNONYMS

40S ribosomal protein S3 (RPS3); Mouse 40S ribosomal protein S3 (RPS3) ELISA Kit; RPS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPS3 elisa kit

Intended Uses: This RPS3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse RPS3. This ELISA kit for research use only!

Principle of the Assay: RPS3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RPS3 antibody and an RPS3-HRP conjugate. The assay sample and buffer are incubated together with RPS3-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 RPS3 concentration since RPS3 from samples and RPS3-HRP conjugate compete for the anti-RPS3 antibody binding site. Since the number of sites is limited, as more sites are occupied by RPS3 from the sample, fewer sites are left to bind RPS3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RPS3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for RPS3 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	378548190
NCBI GeneID	6188
NCBI Accession #	NP_001243731.1
NCBI GenBank Nucleotide #	NM_001256802.1
Molecular Weight	28,487 Da
NCBI Official Full Name	40S ribosomal protein S3 isoform 1
NCBI Official Synonym Full Names	ribosomal protein S3
NCBI Official Symbol	RPS3
NCBI Official Synonym Symbols	S3
NCBI Protein Information	40S ribosomal protein S3; IMR-90 ribosomal protein S3
UniProt Protein Name	40S ribosomal protein S3
UniProt Gene Name	RPS3
UniProt Synonym Gene Names	OK/SW-cl.26
UniProt Entry Name	RS3_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/mouse-elisa-kits/40s-ribosomal-protein-s3-rps3/245874>