

Human 60S ribosomal protein L6 (RPL6) ELISA Kit | RPL6 elisa kit

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CATALOG #
AAA244454

REACTIVITY
Human

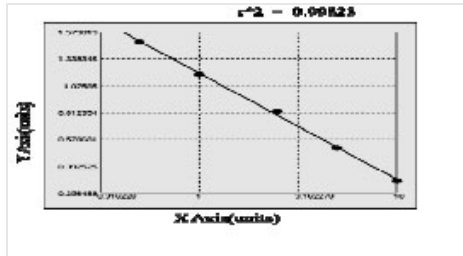
PRODUCT SYNONYMS

60S ribosomal protein L6 (RPL6); Human 60S ribosomal protein L6 (RPL6) ELISA Kit; RPL6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	288
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPL6 elisa kit

Intended Uses: This RPL6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RPL6. This ELISA kit for research use only!

Principle of the Assay||RPL6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RPL6 antibody and an RPL6-HRP conjugate. The assay sample and buffer are incubated together with RPL6-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 RPL6 concentration since RPL6 from samples and RPL6-HRP conjugate compete for the anti-RPL6 antibody binding site. Since the number of sites is limited, as more sites are occupied by RPL6 from the sample, fewer sites are left to bind RPL6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RPL6 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for RPL6 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	67189747
NCBI GeneID	6128
NCBI Accession #	NP_001019833.1
NCBI GenBank Nucleotide #	NM_001024662.2
UniProt Accession #	Q02878; Q2M3Q3; Q8WW97
Molecular Weight	32,728 Da
NCBI Official Full Name	60S ribosomal protein L6 isoform 1
NCBI Official Synonym Full Names	ribosomal protein L6
NCBI Official Symbol	RPL6
NCBI Official Synonym Symbols	L6; TXREB1; SHUJUN-2; TAXREB107
NCBI Protein Information	60S ribosomal protein L6
UniProt Protein Name	60S ribosomal protein L6
UniProt Gene Name	RPL6
UniProt Synonym Gene Names	TXREB1; TaxREB107
UniProt Entry Name	RL6_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/60s-ribosomal-protein-l6-rpl6/244454>