

Human 60S ribosomal protein L36a (RPL36A) ELISA Kit | RPL36A elisa kit

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CATALOG #
AAA245891

REACTIVITY
Human

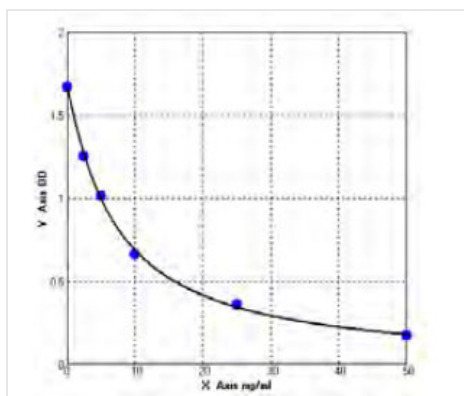
PRODUCT SYNONYMS

60S ribosomal protein L36a (RPL36A); Human 60S ribosomal protein L36a (RPL36A) ELISA Kit; RPL36A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RPL36A. No significant cross-reactivity or interference between RPL36A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RPL36A and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPL36A elisa kit	Intended Uses: This RPL36A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RPL36A. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: RPL36A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RPL36A antibody and an RPL36A-HRP conjugate. The assay sample and buffer are incubated together with RPL36A-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 RPL36A concentration since RPL36A from samples and RPL36A-HRP conjugate compete for the anti-RPL36A antibody binding site. Since the number of sites is limited, as more sites are occupied by RPL36A from the sample, fewer sites are left to bind RPL36A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RPL36A concentration in each sample is interpolated from this standard curve.
Product Categories/Family for RPL36A elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	321267535
NCBI GeneID	195819
NCBI Accession #	NP_001189439.1
NCBI GenBank Nucleotide #	NM_001202510.1
Molecular Weight	12,528 Da
NCBI Official Full Name	60S ribosomal protein L36a
NCBI Official Synonym Full Names	ribosomal protein L36A
NCBI Official Symbol	rpl36a
NCBI Official Synonym Symbols	bbr; r144
NCBI Protein Information	60S ribosomal protein L36a; bubble brain; 60S ribosomal protein L44
UniProt Protein Name	60S ribosomal protein L36a
UniProt Gene Name	rpl36a
UniProt Entry Name	RL36A_DANRE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/60s-ribosomal-protein-l36a-rpl36a/245891>