

Human 60S acidic ribosomal protein P0 (RPLP0) ELISA Kit | RPLP0 elisa kit

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CATALOG #
AAA244426

REACTIVITY
Human

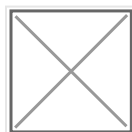
PRODUCT SYNONYMS

60S acidic ribosomal protein P0 (RPLP0); Human 60S acidic ribosomal protein P0 (RPLP0) ELISA Kit; RPLP0 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/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 RPLP0 elisa kit	Intended Uses: This RPLP0 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RPLP0. Principle of the Assay: RPLP0 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RPLP0 antibody and an RPLP0-HRP conjugate. The assay sample and buffer are incubated together with RPLP0-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 RPLP0 concentration since RPLP0 from samples and RPLP0-HRP conjugate compete for the anti-RPLP0 antibody binding site. Since the number of sites is limited, as more sites are occupied by RPLP0 from the sample, fewer sites are left to bind RPLP0-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RPLP0 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for RPLP0 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	16933546
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NCBI GeneID	6175
NCBI Accession #	NP_444505.1
NCBI GenBank Nucleotide #	NM_053275.3
Molecular Weight	27,436 Da
NCBI Official Full Name	60S acidic ribosomal protein P0
NCBI Official Synonym Full Names	ribosomal protein, large, P0
NCBI Official Symbol	RPLP0
NCBI Official Synonym Symbols	P0; LP0; L10E; RPP0; PRLP0
NCBI Protein Information	60S acidic ribosomal protein P0; 60S ribosomal protein L10E; acidic ribosomal phosphoprotein P0
UniProt Protein Name	60S acidic ribosomal protein P0
UniProt Gene Name	RPLP0
UniProt Entry Name	RLA0_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.

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-acidic-ribosomal-protein-p0-rplp0/244426>