Human Ribosomal Protein L10 ELISA Kit | RPL10 elisa kit

Human Ribosomal Protein L10 ELISA Kit

CATALOG #	REACTIVITY
AAA86107	**Human**

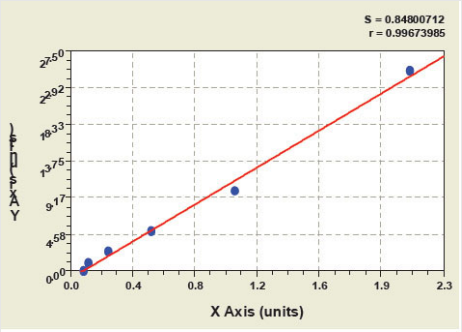
PRODUCT SYNONYMS

Ribosomal Protein L10; Human Ribosomal Protein L10 ELISA Kit; RPL10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Intended Uses	This RPL10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RPL10. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPL10 elisa kit	**Principle of the Assay:** RPL10 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for RPL10. Standards or samples are then added to the microtiter plate wells and RPL10 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of RPL10 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for RPL10 are added to each well to "sandwich" the RPL10 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain RPL10 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RPL10 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for RPL10 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	49457091
NCBI GeneID	6134
UniProt Accession #	P27635; Q16470; Q2HXT7; Q53FH7; Q6FGN8; Q8TDA5; A3KQT0; D3DWW6; Q5HY50; Q9GZW2
Molecular Weight	24,604 Da
NCBI Official Full Name	RPL10
NCBI Official Synonym Full Names	ribosomal protein L10
NCBI Official Symbol	RPL10
NCBI Official Synonym Symbols	QM; L10; NOV; AUTSX5; DXS648; DXS648E
NCBI Protein Information	60S ribosomal protein L10; tumor suppressor QM; laminin receptor homolog; Wilms tumor-related protein
UniProt Protein Name	60S ribosomal protein L10
UniProt Gene Name	**RPL10**
UniProt Synonym Gene Names	DXS648E; QM
UniProt Entry Name	RL10_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/rpl10-human-elisa-kits/ribosomal-protein-l10/86107