

Mouse Mitochondrial Ribosomal Protein L17 ELISA Kit | MRPL17 elisa kit

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CATALOG #
AAA94846

REACTIVITY
Mouse

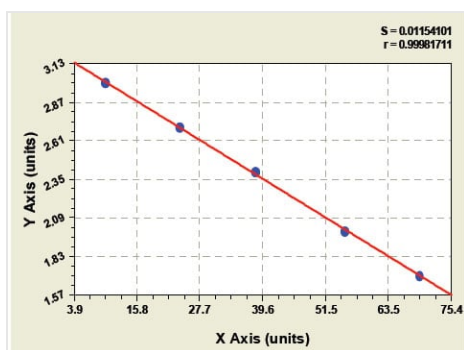
PRODUCT SYNONYMS

Mitochondrial Ribosomal Protein L17; Mouse Mitochondrial Ribosomal Protein L17 ELISA Kit; MRPL17 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 MRPL17 elisa kit

Intended Uses: This MRPL17 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MRPL17. This ELISA kit for research use only!

Principle of the Assay: MRPL17 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MRPL17 antibody and an MRPL17-HRP conjugate. The assay sample and buffer are incubated together with MRPL17-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 MRPL17 concentration since MRPL17 from samples and MRPL17-HRP conjugate compete for the anti-MRPL17 antibody binding site. Since the number of sites is limited, as more sites are occupied by MRPL17 from the sample, fewer sites are left to bind MRPL17-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MRPL17 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MRPL17 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	48146471
NCBI GeneID	63875
UniProt Accession #	Q9NRX2; Q6IAH8; Q96Q53; Q9C066; D3DQU3
Molecular Weight	20,050 Da
NCBI Official Full Name	MRPL17
NCBI Official Synonym Full Names	mitochondrial ribosomal protein L17
NCBI Official Symbol	MRPL17
NCBI Official Synonym Symbols	LIP2; L17mt; RPL17L; RPML26; MRP-L17; MRP-L26
NCBI Protein Information	39S ribosomal protein L17, mitochondrial; LYST-interacting protein 2; LYST-interacting protein LIP2
UniProt Protein Name	39S ribosomal protein L17, mitochondrial
UniProt Gene Name	MRPL17
UniProt Synonym Gene Names	LIP2; L17mt; MRP-L17
UniProt Entry Name	RM17_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/mrpl17-mouse-elisa-kits/mitochondrial-ribosomal-protein-l17/94846>