

Mouse Paralemmin-1 (PALM) ELISA Kit | PALM elisa kit

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CATALOG #
AAA244659

REACTIVITY
Mouse

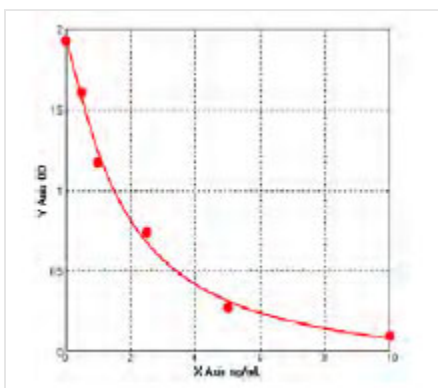
PRODUCT SYNONYMS

Paralemmin-1 (PALM); Mouse Paralemmin-1 (PALM) ELISA Kit; PALM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
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 PALM elisa kit

Intended Uses: This PALM-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PALM-1. This ELISA kit for research use only!

Principle of the Assay: PALM-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PALM-1 antibody and an PALM-1-HRP conjugate. The assay sample and buffer are incubated together with PALM-1-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 PALM-1 concentration since PALM-1 from samples and PALM-1-HRP conjugate compete for the anti-PALM-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by PALM-1 from the sample, fewer sites are left to bind PALM-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PALM-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	93141031
NCBI GeneID	5064
NCBI Accession #	NP_002570.2
NCBI GenBank Nucleotide #	NM_002579.2
Molecular Weight	37,157 Da
NCBI Official Full Name	paralemmin-1 isoform 1
NCBI Official Synonym Full Names	paralemmin
NCBI Official Symbol	PALM
NCBI Protein Information	paralemmin-1
UniProt Protein Name	Paralemmin-1
UniProt Gene Name	PALM
UniProt Synonym Gene Names	KIAA0270
UniProt Entry Name	PALM_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/mouse-elisa-kits/paralemmin-1-palm/244659>