

Human Palmdelphin (PALMD) ELISA Kit | PALMD elisa kit

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CATALOG #
AAA66922

REACTIVITY
Human

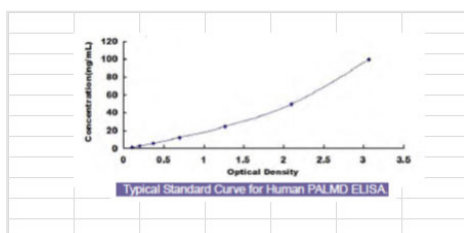
PRODUCT SYNONYMS

Palmdelphin (PALMD); Human Palmdelphin (PALMD) ELISA Kit; PALML C1orf11 Paralemmin Like Protein; PALMD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PALMD. No significant cross-reactivity or interference between PALMD and analogues was observed.
Sequence Length	551
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	1.56-100ng/mL
Sensitivity	0.61ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PALMD were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PALMD were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PALMD elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PALMD in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PALMD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PALMD. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PALMD, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PALMD in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8923243
NCBI GeneID	54873
NCBI Accession #	NP_060204.1
NCBI GenBank Nucleotide #	NM_017734.4
UniProt Accession #	Q9NP74; Q9H7E6; Q9NPM5; Q9NPM6; Q9NPS0
Molecular Weight	41,950 Da
NCBI Official Full Name	palmdelphin
NCBI Official Synonym Full Names	palmdelphin
NCBI Official Symbol	PALMD
NCBI Official Synonym Symbols	PALML; C1orf11
NCBI Protein Information	palmdelphin
UniProt Protein Name	Palmdelphin
UniProt Gene Name	PALMD
UniProt Synonym Gene Names	C1orf11; PALML

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.