

Human Palmdelphin (PALMD) ELISA Kit | PALMD elisa kit

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CATALOG #
AAA331477

REACTIVITY
Human

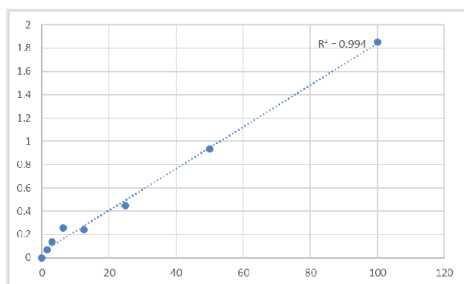
PRODUCT SYNONYMS

Palmdelphin (PALMD); Human Palmdelphin (PALMD) ELISA Kit; PALMD; C1orf11; FLJ20271; PALML; paralemnin-like; PALMD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Palmdelphin (PALMD) ELISA Kit has high sensitivity and excellent specificity for detection of Human PALMD. No significant cross-reactivity or interference between Human PALMD and analogues was observed.
Sequence Length	551
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Palmdelphin (PALMD) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PALMD elisa kit	Description: This Human Palmdelphin (PALMD) ELISA Kit employs a two-site sandwich ELISA to quantitate PALMD in samples. An antibody specific for PALMD has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PALMD present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PALMD is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PALMD bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: It has an N-terminal coiled-coil region that shares 45% amino acid identity with an N-terminal region in AKAP2. Overall, PALML shares 36% amino acid identity with paralemmin (PALM). The shorter PALML variant encodes a deduced 471-amino acid protein that, compared with long isoform, lacks the N-terminal coiled-coil region and differs in the first 19 amino acids. Northern blot analysis detected a 2.4-kb PALML transcript enriched in testis, prostate, heart, and skeletal muscle. No expression was detected in brain and peripheral blood leukocytes, and alternative transcripts were detected in heart, liver, and skeletal muscle. Epitope-tagged PALML was expressed throughout the cytoplasm of transfected COS-7 cells and was excluded from the nucleus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8923243
NCBI GeneID	54873
NCBI Accession #	NP_060204
NCBI GenBank Nucleotide #	NP_060204.1
UniProt Accession #	Q9NP74
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
UniProt Entry Name	PALMD_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.