

Human Palladin (PALLD) ELISA Kit | PALLD elisa kit

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CATALOG #
AAA138144

REACTIVITY
Human

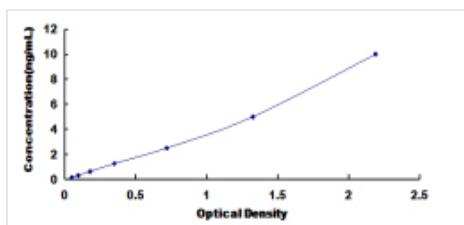
PRODUCT SYNONYMS

Palladin (PALLD); Human Palladin (PALLD) ELISA Kit; Cytoskeletal Associated Protein; Sarcoma antigen NY-SAR-77; PALLD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Palladin (PALLD). No significant cross-reactivity or interference between Palladin (PALLD) and analogues was observed.
Sequence Length	1,391
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Palladin (PALLD) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Palladin (PALLD) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PALLD elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Palladin (PALLD). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Palladin (PALLD). 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 Palladin (PALLD), 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 Palladin (PALLD) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for PALLD elisa kit	Metabolic pathway; Developmental science; Bone metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	124487061
NCBI GeneID	72333
NCBI Accession #	NP_001074859.1
NCBI GenBank Nucleotide #	NM_001081390.1
UniProt Accession #	Q9ET54; Q69ZT7; Q6DFX7; Q9CWW1; A0JNZ3
Molecular Weight	150,553 Da
NCBI Official Full Name	palladin isoform 4
NCBI Official Synonym Full Names	palladin, cytoskeletal associated protein
NCBI Official Symbol	Palld
NCBI Official Synonym Symbols	6030492A02; 2410003B16Rik
NCBI Protein Information	palladin
UniProt Protein Name	Palladin
UniProt Gene Name	Palld
UniProt Synonym Gene Names	Kiaa0992
UniProt Entry Name	PALLD_MOUSE

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/human-elisa-kits/palladin-palld/138144>