

Human Palladin (PALLD) ELISA Kit | PALLD elisa kit

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CATALOG #
AAA65050

REACTIVITY
Human

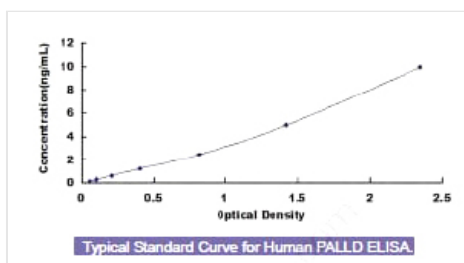
PRODUCT SYNONYMS

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 PALLD. No significant cross-reactivity or interference between PALLD and analogues was observed.
Sequence Length	1123
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.051ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PALLD 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 PALLD 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 PALLD elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PALLD 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 PALLD. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 PALLD 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 #	260656030
NCBI GeneID	23022
NCBI Accession #	NP_001159580.1
NCBI GenBank Nucleotide #	NM_001166108.1
UniProt Accession #	Q8WX93; Q7L3E0; Q7Z3W0; Q86WE8; Q8N1M2; Q9UGA0; Q9UQF5; Q9Y2J6; Q9Y3E9; B3KTG2; B5MD56; B7ZMM5
Molecular Weight	123,693 Da
NCBI Official Full Name	palladin isoform 1
NCBI Official Synonym Full Names	palladin, cytoskeletal associated protein
NCBI Official Symbol	PALLD
NCBI Official Synonym Symbols	MYN; PNCA1; CGI151; SIH002; CGI-151
NCBI Protein Information	palladin
UniProt Protein Name	Palladin
UniProt Gene Name	PALLD
UniProt Synonym Gene Names	KIAA0992

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.