

Human Probable hydrolase ELISA Kit | PNKD elisa kit

Human Probable hydrolase (PNKD) ELISA Kit

CATALOG # AAA55440	REACTIVITY Human
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PRODUCT SYNONYMS

Probable hydrolase; Human Probable hydrolase (PNKD) ELISA Kit; PNKD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PNKD. No significant cross-reactivity or interference between Human PNKD and analogues was observed.
Sequence Length	262
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PNKD elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PNKD in Human serum, plasma, tissue homogenates. An antibody specific for PNKD has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PNKD present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PNKD 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 PNKD bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Probable hydrolase PNKD (PNKD) concentration in serum, plasma, tissue homogenates and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116642885
NCBI GeneID	25953
NCBI Accession #	NP_001070867.1
NCBI GenBank Nucleotide #	NM_001077399.2

UniProt Accession #	Q8N490 ; Q96A48 ; Q9BU26 ; Q9NSX4 ; Q9ULN6 ; Q9Y4T1 ; A8K1F2
Molecular Weight	36,849 Da
NCBI Official Full Name	probable hydrolase PNKD isoform 3
NCBI Official Synonym Full Names	paroxysmal nonkinesigenic dyskinesia
NCBI Official Symbol	PNKD
NCBI Official Synonym Symbols	MR1; PDC; DYT8; FPD1; MR-1; BRP17; PKND1; PNKD1; FKSG19; TAHCCP2; KIPP1184
NCBI Protein Information	probable hydrolase PNKD
UniProt Protein Name	Probable hydrolase PNKD
UniProt Gene Name	PNKD
UniProt Synonym Gene Names	KIAA1184; MR1; TAHCCP2; MR-1

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://www.aaabiotech.com/pnkd-human-elisa-kits/probable-hydrolase/55440>