

Mouse Protein Kinase, DNA Activated, Catalytic Polypeptide (PRKDC) RTU ELISA Kit | PRKDC rtu elisa kit

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CATALOG # AAA217985	REACTIVITY Mouse
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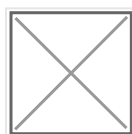
PRODUCT SYNONYMS

Protein Kinase; DNA Activated; Catalytic Polypeptide (PRKDC); Mouse Protein Kinase; Catalytic Polypeptide (PRKDC) ELISA Kit; HYRC; HYRC1; DNPK1; p350; DNAPK; XRCC7; DNA-PKcs; PRKDC rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	4128
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.105ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRKDC rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PRKDC. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PRKDC. 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 PRKDC, 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 PRKDC 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 #	124517706
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NCBI GeneID	19090
NCBI Accession #	NP_035289.2
NCBI GenBank Nucleotide #	NM_011159.2
UniProt Accession #	P97313 ; O88187 ; P97928 ; Q307W9 ; Q3V2W8 ; Q8C2A7 ; Q9Z341 ; E9QN15
Molecular Weight	96,914 Da
NCBI Official Full Name	DNA-dependent protein kinase catalytic subunit
NCBI Official Synonym Full Names	protein kinase, DNA activated, catalytic polypeptide
NCBI Official Symbol	Prkdc
NCBI Official Synonym Symbols	p460; scid; slip; DNAPK; DNPK1; HYRC1; XRCC7; dxnph; DOXNPH; DNAPDcs; AI326420; AU019811; DNA-PKcs
NCBI Protein Information	DNA-dependent protein kinase catalytic subunit
UniProt Protein Name	DNA-dependent protein kinase catalytic subunit
UniProt Gene Name	Prkdc
UniProt Synonym Gene Names	Xrcc7; DNA-PK catalytic subunit; DNA-PKcs

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/mouse-rtu-elisa-kits/protein-kinase-dna-activated-catalytic-polypeptide-prkdc/217985>