

Human Poly A Specific Ribonuclease (PARN) ELISA Kit | PARN elisa kit

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CATALOG #
AAA66217

REACTIVITY
Human

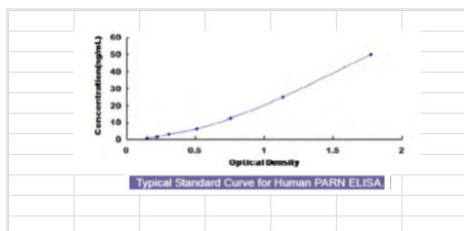
PRODUCT SYNONYMS

Poly A Specific Ribonuclease (PARN); Human Poly A Specific Ribonuclease (PARN) ELISA Kit; DAN Deadenylation Nuclease Deadenylating nuclease Polyadenylate-specific ribonuclease; PARN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PARN. No significant cross-reactivity or interference between PARN and analogues was observed.
Sequence Length	578
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	0.27ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PARN 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 PARN 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 PARN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PARN 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 PARN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PARN. 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 PARN, 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 PARN 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 #	197333695
NCBI GeneID	5073
NCBI Accession #	NP_001127949.1
NCBI GenBank Nucleotide #	NM_001134477.2
UniProt Accession #	O95453; B2RCB3; B4DDG8; B4DSB0; B4DWR4; B4E1H6
Molecular Weight	52,989 Da
NCBI Official Full Name	poly(A)-specific ribonuclease PARN isoform 2
NCBI Official Synonym Full Names	poly(A)-specific ribonuclease
NCBI Official Symbol	PARN
NCBI Official Synonym Symbols	DAN; DKCB6; PFBMFT4
NCBI Protein Information	poly(A)-specific ribonuclease PARN
UniProt Protein Name	Poly(A)-specific ribonuclease PARN
UniProt Gene Name	PARN
UniProt Synonym Gene Names	DAN

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.