

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

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CATALOG #
AAA185573

REACTIVITY
Human

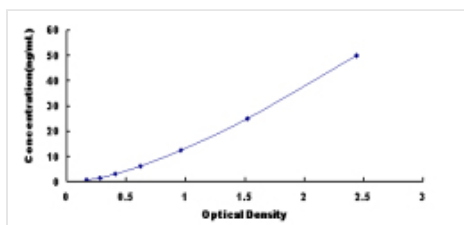
PRODUCT SYNONYMS

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 Poly A Specific Ribonuclease (PARN). No significant cross-reactivity or interference between Poly A Specific Ribonuclease (PARN) and analogues was observed.
Sequence Length	464
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.781-50ng/mL
Sensitivity	< 0.27ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Poly A Specific Ribonuclease (PARN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Poly A Specific Ribonuclease (PARN) 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 PARN 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 Poly A Specific Ribonuclease (PARN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Poly A Specific Ribonuclease (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 Poly A Specific Ribonuclease (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 Poly A Specific Ribonuclease (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 #	3776076
NCBI GeneID	5073
UniProt Accession #	O95453; B2RCB3; B4DDG8; B4DSB0; B4DWR4; B4E1H6
Molecular Weight	52,989 Da
NCBI Official Full Name	poly(A)-specific ribonuclease
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/poly-a-specific-ribonuclease-parn/185573>