

Rat Poly [ADP-ribose] polymerase 1 ELISA Kit | Parp1 elisa kit

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CATALOG #
AAA193812

REACTIVITY
Rat

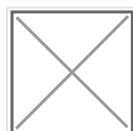
PRODUCT SYNONYMS

Poly [ADP-ribose] polymerase 1; Rat Poly [ADP-ribose] polymerase 1 ELISA Kit; PARP-1; NAD(+) ADP-ribosyltransferase 1; ADPRT 1; Poly[ADP-ribose] synthase 1; Parp1; Adprt; 2.4.2.30; Parp1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat PARP-1. No significant cross-reactivity or interference was observed.
Sequence Length	1014
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	78.0 pg/mL -5000 pg/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Parp1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat poly [adp-ribose] polymerase 1,PARP-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PARP-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PARP-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain PARP-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of PARP-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978455
NCBI GeneID	25591
NCBI Accession #	NP_037195.1

NCBI GenBank Nucleotide #	NM_013063.2
UniProt Accession #	P27008; O35937
Molecular Weight	112,660 Da
NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly (ADP-ribose) polymerase 1
NCBI Official Symbol	Parp1
NCBI Official Synonym Symbols	ARTD1; Adprt; Parp-1
NCBI Protein Information	poly [ADP-ribose] polymerase 1
UniProt Protein Name	Poly [ADP-ribose] polymerase 1
UniProt Gene Name	Parp1
UniProt Synonym Gene Names	Adprt; PARP-1; ARTD1; ADPRT 1
UniProt Entry Name	PARP1_RAT

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/parp1-rat-elisa-kits/poly-adp-ribose-polymerase-1/193812>