

Human Poly ADP Ribose Polymerase (PARP) CLIA Kit | PARP clia kit

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CATALOG # AAA188900	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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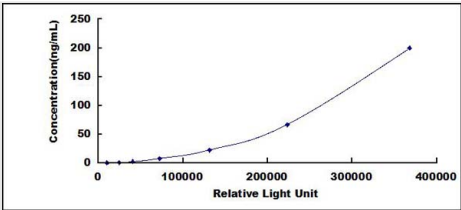
PRODUCT SYNONYMS

Poly ADP Ribose Polymerase (PARP); Human Poly ADP Ribose Polymerase (PARP) CLIA Kit; Poly ADP Ribose Polymerase; PARP1; ADPRT; ADPRT1; PPOL; pADPRT-1; ADP-ribosyltransferase diphtheria toxin-like 1; NAD(+) ADP-ribosyltransferase 1; PARP clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Poly ADP Ribose Polymerase (PARP). No significant cross-reactivity or interference between Poly ADP Ribose Polymerase (PARP) and analogues was observed.
Sequence Length	1014
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.27-200ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.11ng/mL
Applicable Applications for PARP clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Poly ADP Ribose Polymerase (PARP) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Poly ADP Ribose Polymerase (PARP) were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-Assay: CV<10% Inter-Assay: CV<12%
Test Principle	The microplate provided in this kit has been pre-coated with an antibody specific to Poly ADP Ribose Polymerase (PARP). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Poly ADP Ribose Polymerase (PARP). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Poly ADP Ribose Polymerase (PARP) level in the sample or standard.
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156523968
NCBI GeneID	142
NCBI Accession #	NP_001609.2
NCBI GenBank Nucleotide #	NP_001609.2
UniProt Accession #	P09874
NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly(ADP-ribose) polymerase 1
NCBI Official Symbol	PARP1
NCBI Official Synonym Symbols	PARP; PPOL; ADPRT; ARTD1; ADPRT1; PARP-1; ADPRT 1; pADPRT-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; PPOL; PARP-1; ARTD1; ADPRT 1
UniProt Entry Name	PARP1_HUMAN

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-clia-kits/poly-adp-ribose-polymerase-parp/188900>