

Human Poly [ADP-ribose] polymerase 10 ELISA Kit | PARP10 elisa kit

Human Poly [ADP-ribose] polymerase 10 (PARP10) ELISA Kit

CATALOG # AAA55426	REACTIVITY Human
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PRODUCT SYNONYMS

Poly [ADP-ribose] polymerase 10; Human Poly [ADP-ribose] polymerase 10 (PARP10) ELISA Kit; PARP10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PARP10. No significant cross-reactivity or interference between Human PARP10 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PARP10 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PARP10 in Human serum, plasma. An antibody specific for PARP10 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PARP10 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PARP10 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PARP10 bound in the initial step. The color development is stopped and the intensity of the color is measured. Intended Uses: For the quantitative detection of Human Poly [ADP-ribose] polymerase 10 (PARP10) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	157738665
NCBI GeneID	84875
NCBI Accession #	NP_116178.2
NCBI GenBank Nucleotide #	NM_032789.4
UniProt Accession #	Q53GL7; Q8N2I0; Q8WV05; Q96CH7; Q96K72
Molecular Weight	109,998 Da

NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly(ADP-ribose) polymerase family member 10
NCBI Official Symbol	PARP10
NCBI Official Synonym Symbols	ARTD10
NCBI Protein Information	poly [ADP-ribose] polymerase 10
UniProt Protein Name	Poly [ADP-ribose] polymerase 10
UniProt Gene Name	PARP10
UniProt Synonym Gene Names	PARP-10; ARTD10

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://www.aaabiotech.com/parp10-human-elisa-kits/poly-adp-ribose-polymerase-10/55426>