

Human Poly [ADP-ribose] polymerase 9 ELISA Kit | PARP9 elisa kit

Human Poly [ADP-ribose] polymerase 9 (PARP9) ELISA Kit

CATALOG #
AAA55400

REACTIVITY
Human

PRODUCT SYNONYMS

Poly [ADP-ribose] polymerase 9; Human Poly [ADP-ribose] polymerase 9 (PARP9) ELISA Kit; PARP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PARP9. No significant cross-reactivity or interference between Human PARP9 and analogues was observed.
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/mL - 10 ng/mL
Sensitivity	0.078 ng/mL
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 PARP9 elisa kit	Intended Uses: For the quantitative detection of Human Poly [ADP-ribose] polymerase 9 (PARP9) concentration in serum, plasma and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PARP9 in Human serum, plasma. An antibody specific for PARP9 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PARP9 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PARP9 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 PARP9 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226371710
NCBI GeneID	83666
NCBI Accession #	NP_001139574.1
NCBI GenBank Nucleotide #	NM_001146102.1
UniProt Accession #	Q8IXQ6; Q8TCP3; Q9BZL8; Q9BZL9; A8KA94; B2R8S9; E9PFM7
Molecular Weight	80,291 Da

NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly(ADP-ribose) polymerase family member 9
NCBI Official Symbol	PARP9
NCBI Official Synonym Symbols	BAL; BAL1; ARTD9; MGC:7868
NCBI Protein Information	poly [ADP-ribose] polymerase 9
UniProt Protein Name	Poly [ADP-ribose] polymerase 9
UniProt Gene Name	PARP9
UniProt Synonym Gene Names	BAL; BAL1; PARP-9; ARTD9

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/parp9-human-elisa-kits/poly-adp-ribose-polymerase-9/55400>