

Human Poly [ADP-ribose] polymerase 3 ELISA Kit | PARP3 elisa kit

Human Poly [ADP-ribose] polymerase 3 (PARP3) ELISA Kit

CATALOG #
AAA55520

REACTIVITY
Human

PRODUCT SYNONYMS

Poly [ADP-ribose] polymerase 3; Human Poly [ADP-ribose] polymerase 3 (PARP3) ELISA Kit; PARP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PARP3. No significant cross-reactivity or interference between Human PARP3 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	125 pg/mL - 8000 pg/mL
Sensitivity	62.5 pg/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 PARP3 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PARP3 in Human serum, plasma, tissue homogenates. An antibody specific for PARP3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PARP3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PARP3 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 PARP3 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 3 (PARP3) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	729042235
NCBI GeneID	10039
NCBI Accession #	NP_001003931.3
NCBI GenBank Nucleotide #	NM_001003931.3
UniProt Accession #	Q9Y6F1; Q8NER9; Q96CG2; Q9UG81

Molecular Weight	60,865 Da
NCBI Official Full Name	poly
NCBI Official Synonym Full Names	poly(ADP-ribose) polymerase family member 3
NCBI Official Symbol	PARP3
NCBI Official Synonym Symbols	IRT1; ARTD3; ADPRT3; ADPRTL2; ADPRTL3; PADPRT-3
NCBI Protein Information	poly [ADP-ribose] polymerase 3
UniProt Protein Name	Poly [ADP-ribose] polymerase 3
UniProt Gene Name	PARP3
UniProt Synonym Gene Names	ADPRT3; ADPRTL3; PARP-3; hPARP-3; ARTD3; ADPRT-3; pADPRT-3

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/parp3-human-elisa-kits/poly-adp-ribose-polymerase-3/55520>