

Human Poly ADP ribose polymerase family member 9 ELISA Kit | PARP9 elisa kit

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CATALOG #
AAA247216

REACTIVITY
Human

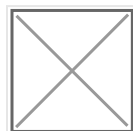
PRODUCT SYNONYMS

Poly ADP ribose polymerase family member 9; Human Poly ADP ribose polymerase family member 9 ELISA Kit; PARP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PARP9. No significant cross-reactivity or interference between PARP9 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PARP9 and all the analogues, therefore, cross reaction may still exist in some cases.
Sequence Length	854
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PARP9 elisa kit

Intended Uses: This PARP9 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PARP9. This ELISA kit for research use only, not for therapeutic or test applications!

Principle of the Assay: PARP9 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PARP9 antibody and an PARP9-HRP conjugate. The assay sample and buffer are incubated together with PARP9-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PARP9 concentration since PARP9 from samples and PARP9-HRP conjugate compete for the anti-PARP9 antibody binding site. Since the number of sites is limited, as more sites are occupied by PARP9 from the sample, fewer sites are left to bind PARP9-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PARP9 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

119599885

NCBI GeneID	83666
Molecular Weight	80,291 Da
NCBI Official Full Name	poly (ADP-ribose) polymerase family, member 9, isoform CRA_c
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://stage.aaabiotech.com/parp9-human-elisa-kits/poly-adp-ribose-polymerase-family-member-9/247216>