

Rabbit Pregnancy associated plasma protein A ELISA Kit | PAPP-A elisa kit

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CATALOG #
AAA84025

REACTIVITY
Rabbit

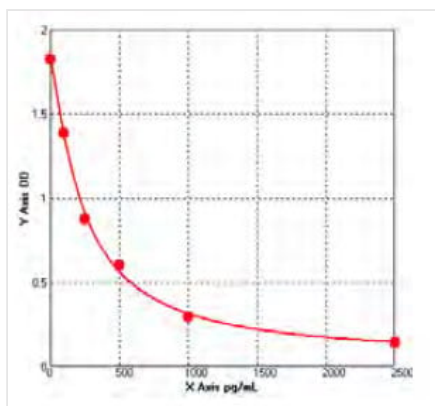
PRODUCT SYNONYMS

Pregnancy associated plasma protein A; Rabbit Pregnancy associated plasma protein A ELISA Kit; PAPP-A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of PAPP-A. No significant cross-reactivity or interference between PAPP-A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PAPP-A and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAPP-A elisa kit	Principle of the Assay: PAPPa ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PAPPa antibody and an PAPPa-HRP conjugate. The assay sample and buffer are incubated together with PAPPa-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 PAPPa concentration since PAPPa from samples and PAPPa-HRP conjugate compete for the anti-PAPPa antibody binding site. Since the number of sites is limited, as more sites are occupied by PAPPa from the sample, fewer sites are left to bind PAPPa-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PAPPa concentration in each sample is interpolated from this standard curve. Intended Uses: This PAPPa ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit PAPPa. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for PAPP-A elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	71025082
Molecular Weight	23,055 Da
NCBI Official Full Name	pregnancy associated plasma protein A, partial
UniProt Protein Name	Pregnancy associated plasma protein A
UniProt Entry Name	Q45XF7_PIG

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/papp-a-rabbit-elisa-kits/pregnancy-associated-plasma-protein-a/84025>