

Rat Pappalysin 2 ELISA Kit | PAPPA2 elisa kit

Rat Pappalysin 2 ELISA Kit

CATALOG #
AAA86135

REACTIVITY
Rat

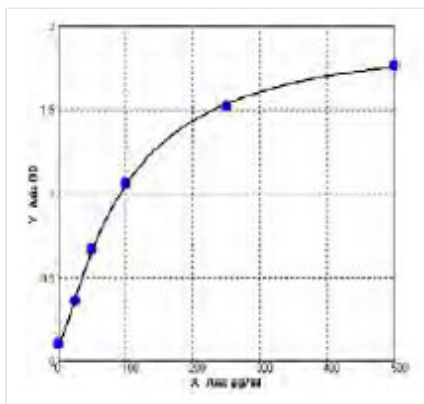
PRODUCT SYNONYMS

Pappalysin 2; Rat Pappalysin 2 ELISA Kit; PAPPA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5.0-100 ng/mL
Sensitivity	1.0ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAPPA2 elisa kit	Intended Uses: This PAPPA2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat PAPPA2. This ELISA kit for research use only! Principle of the Assay: PAPPA2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PAPPA2. Standards or samples are then added to the microtiter plate wells and PAPPA2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PAPPA2 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for PAPPA2 are added to each well to "sandwich" the PAPPA2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PAPPA2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PAPPA2 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for PAPPA2 elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	116174738
NCBI GeneID	60676
NCBI Accession #	NP_064714.2
NCBI GenBank Nucleotide #	NM_020318.2
Molecular Weight	92,136 Da
NCBI Official Full Name	pappalysin-2 isoform 1
NCBI Official Synonym Full Names	pappalysin 2
NCBI Official Symbol	PAPPA2
NCBI Official Synonym Symbols	PAPPE; PLAC3; PAPP-E; PAPP-A2
NCBI Protein Information	pappalysin-2; placenta-specific 3; pregnancy-associated plasma protein E1; pregnancy-associated plasma preproprotein-A2
UniProt Protein Name	Pappalysin-2
UniProt Gene Name	PAPPA2
UniProt Synonym Gene Names	PLAC3; PAPP-A2; PAPP-E
UniProt Entry Name	PAPP2_HUMAN

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.