

Human pappalysin 2 ELISA Kit | PAPPA2 elisa kit

Human Pappalysin-2, PAPPA2 ELISA Kit

CATALOG #
AAA18231

REACTIVITY
Human

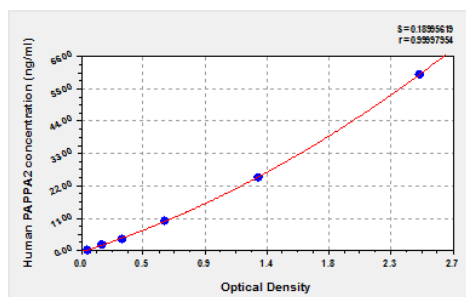
PRODUCT SYNONYMS

pappalysin 2; Human Pappalysin-2; PAPPA2 ELISA Kit; Human Pappalysin-2 (PAPPA2) ELISA kit; RP4-774I24.1; PAPP-A2; PAPPE; PLAC3; placenta-specific 3; pregnancy-associated plasma preproprotein-A2; pregnancy-associated plasma protein-E; PAPPA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PAPPA2. No significant cross-reactivity or interference between human PAPPA2 and analogues was observed.
Sequence Length	1791
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, urine, tissue homogenates
Detection Range	2 ng/ml -60 ng/ml
Sensitivity	< 0.5 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAPPA2 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PAPPA2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells with a Horseradish Peroxidase (HRP) conjugated antibody specific for PAPPA2. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PAPPA2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	116174738
NCBI GeneID	60676
NCBI Accession #	NP_064714.2
NCBI GenBank Nucleotide #	NM_020318.2
UniProt Accession #	Q9BXP8; Q96PH7; Q96PH8; Q9H4C9; A9Z1Y8
Molecular Weight	198,539 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.

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Online datasheet: <https://stage.aaabiotech.com/pappa2-human-elisa-kits/pappalysin-2/18231>