

Human Progesterone Associated Endometrial Protein (PAEP) ELISA Kit | PAEP elisa kit

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CATALOG #
AAA63322

REACTIVITY
Human

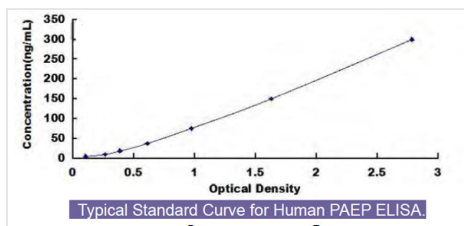
PRODUCT SYNONYMS

Progesterone Associated Endometrial Protein (PAEP); Human Progesterone Associated Endometrial Protein (PAEP) ELISA Kit; GD; GdA; GdF; GdS; PAEG; PEP; PP14; Glycodelin; Placental Protein 14; Alpha Uterine Protein; Pregnancy-Associated Endometrial Alpha-2-Globulin; Progesterone-associated; PAEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PAEP. No significant cross-reactivity or interference between PAEP and analogues was observed.
Sequence Length	158
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	4.68-300ng/mL
Sensitivity	< 1.8ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PAEP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PAEP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAEP elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PAEP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PAEP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PAEP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of PAEP in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PAEP in human serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	937226996
NCBI GeneID	5047
NCBI Accession #	NP_001018058.1
NCBI GenBank Nucleotide #	NM_001018048.1
UniProt Accession #	P09466; Q5T6T1; Q9UG92
Molecular Weight	9,953 Da
NCBI Official Full Name	glycodelin isoform 2
NCBI Official Synonym Full Names	progesterone associated endometrial protein
NCBI Official Symbol	PAEP
NCBI Official Synonym Symbols	GD; GdA; GdF; GdS; PEP; PAEG; PP14
NCBI Protein Information	glycodelin
UniProt Protein Name	Glycodelin
UniProt Gene Name	PAEP
UniProt Synonym Gene Names	GD; PP14; PAEG; PEG

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/human-elisa-kits/progesterone-associated-endometrial-protein-paep/63322>