

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

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CATALOG #
AAA331484

REACTIVITY
Human

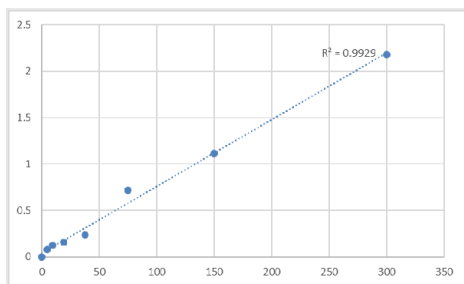
PRODUCT SYNONYMS

Progesterone Associated Endometrial Protein (PAEP); Human Progesterone Associated Endometrial Protein (PAEP) ELISA Kit; PAEP; RP11-98L5.3; GD; GdA; GdF; GdS; MGC138509; MGC142288; PAEG; PEP; PP14; OTTHUMP00000022549; PP14 protein (placental protein 14); alpha uterine protein; glycodelin; glycodelin-A; glycodelin-F; glycodelin-S; Glycodelin; Placental Protein 14; Pregnancy-Associated Endometrial Alpha-2-Globulin; Alpha Uterine Protein; PAEP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Progesterone Associated Endometrial Protein (PAEP) ELISA Kit has high sensitivity and excellent specificity for detection of Human PAEP. No significant cross-reactivity or interference between Human PAEP and analogues was observed.
Sequence Length	180
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Progesterone Associated Endometrial Protein (PAEP) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PAEP elisa kit	Description: This Human Progestagen Associated Endometrial Protein (PAEP) ELISA Kit employs a two-site sandwich ELISA to quantitate PAEP in samples. An antibody specific for PAEP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PAEP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PAEP is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PAEP bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Glycodelin is a member of the kernel lipocalin superfamily whose members share relatively low sequence similarity but have highly conserved exon/intron structure and three-dimensional protein folding. Most lipocalins are clustered on the long arm of chromosome 9. The encoded glycoprotein has been previously referred to as pregnancy-associated endometrial alpha-2-globulin, placental protein 14, and glycodelin, but has been officially named progestagen-associated endometrial protein. Three distinct forms, with identical protein backbones but different glycosylation profiles, are found in amniotic fluid, follicular fluid and seminal plasma of the reproductive system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	109731808
NCBI Official Full Name	Progestagen-associated endometrial protein

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/progestagen-associated-endometrial-protein-paep/331484>