

Human Pregnancy-specific beta-1-glycoprotein 11 ELISA Kit | PSG11 elisa kit

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CATALOG #
AAA99075

REACTIVITY
Human

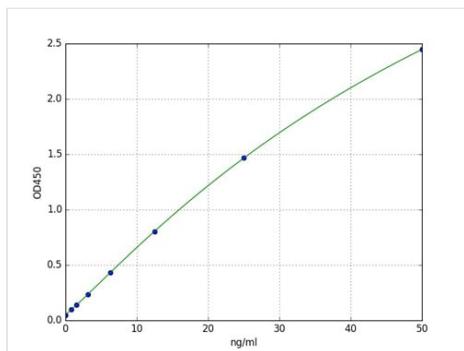
PRODUCT SYNONYMS

Pregnancy-specific beta-1-glycoprotein 11; Human Pregnancy-specific beta-1-glycoprotein 11 ELISA Kit; PSG11 (Pregnancy-specific beta-1-glycoprotein 11)/PSG13/PSG14/PS-beta-G-11/PSBG-11/Pregnancy-specific glycoprotein 11/PS-beta-G-13/PSBG-13/Pregnancy-specific glycoprotein 13/Pregnancy-specific beta-1-glycoprotein 13; PSG11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	335
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human PSG11 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.059	0.123	0.167	0.275	0.483	0.816	1.472	2.257

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSG11 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PSG11 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PSG11 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human PSG11 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PSG11 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	164663836
NCBI GeneID	5680
NCBI Accession #	NP_002776.3
NCBI GenBank Nucleotide #	NM_002785.2
Molecular Weight	23,359 Da
NCBI Official Full Name	pregnancy-specific beta-1-glycoprotein 11 isoform 1
NCBI Official Synonym Full Names	pregnancy specific beta-1-glycoprotein 11
NCBI Official Symbol	PSG11
NCBI Official Synonym Symbols	PSG13; PSG14; PSBG-11; PSBG-13
NCBI Protein Information	pregnancy-specific beta-1-glycoprotein 11
UniProt Protein Name	Pregnancy-specific beta-1-glycoprotein 11
UniProt Gene Name	PSG11
UniProt Synonym Gene Names	PSG13; PSG14; PS-beta-G-11; PSBG-11; Pregnancy-specific glycoprotein 11; PS-beta-G-13; PSBG-13; Pregnancy-specific glycoprotein 13
UniProt Entry Name	PSG11_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/psg11-human-elisa-kits/pregnancy-specific-beta-1-glycoprotein-11/99075>