

Human Pregnancy-specific beta-1-glycoprotein 1 ELISA Kit | PSG1 elisa kit

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CATALOG #
AAA100903

REACTIVITY
Human

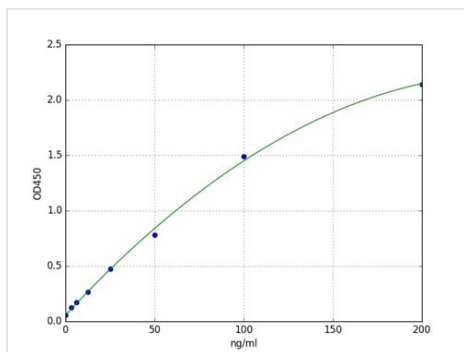
PRODUCT SYNONYMS

Pregnancy-specific beta-1-glycoprotein 1; Human Pregnancy-specific beta-1-glycoprotein 1 ELISA Kit; PSG1/B1G1/CD66f/DHFRP2/PBG1/PSbG1/PSG95/PSGGA/CD66 antigen-like family member F/CD66f/CD66f antigen/Fetal liver non-specific cross-reactive antigen 1/2/FLJ90598/FLJ90654/FL-NCA-1/2/pregnancy specific beta-1-glycoprotein 1/pregnancy-specific B-1 glycoprotein/Pregnancy-specific beta-1 glycoprotein C/D/pregnancy-specific beta-1-glycoprotein 1/Pregnancy-specific glycoprotein 1/PS-beta-C/D/PS-beta-G-1/PSBG-1/SP1/PSGIIA/; PSG1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	426
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/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 PSG1 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	3.125	6.25	12.5	25	50	100	200
Y	OD450	0.055	0.118	0.179	0.274	0.486	0.894	1.530	2.077

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSG1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human PSG1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PSG1 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. HRP-Streptavidin 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 PSG1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PSG1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361392
NCBI GeneID	5669
NCBI Accession #	NP_008836.2
NCBI GenBank Nucleotide #	NM_006905.2
Molecular Weight	47,866 Da
NCBI Official Full Name	pregnancy-specific beta-1-glycoprotein 1 isoform 1
NCBI Official Synonym Full Names	pregnancy specific beta-1-glycoprotein 1
NCBI Official Symbol	PSG1
NCBI Official Synonym Symbols	SP1; B1G1; PBG1; CD66f; PSBG1; PSG95; PSGGA; DHFRP2; PSBG-1; PSGIIA; FL-NCA-1/2; PS-beta-C/D; PS-beta-G-1
NCBI Protein Information	pregnancy-specific beta-1-glycoprotein 1
UniProt Protein Name	Pregnancy-specific beta-1-glycoprotein 1
UniProt Gene Name	PSG1
UniProt Synonym Gene Names	B1G1; PSBG1; PSGGA; PS-beta-G-1; PSBG-1; Pregnancy-specific glycoprotein 1; FL-NCA-1/2; PS-beta-C/D
UniProt Entry Name	PSG1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/psg1-human-elisa-kits/pregnancy-specific-beta-1-glycoprotein-1/100903>