

Human Pregnancy-specific beta-1-glycoprotein 6 ELISA Kit | PSG6 elisa kit

Human Pregnancy-specific beta-1-glycoprotein 6 (PSG6) ELISA Kit

CATALOG #
AAA55389

REACTIVITY
Human

PRODUCT SYNONYMS

Pregnancy-specific beta-1-glycoprotein 6; Human Pregnancy-specific beta-1-glycoprotein 6 (PSG6) ELISA Kit; PSG6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PSG6. No significant cross-reactivity or interference between Human PSG6 and analogues was observed.
Sequence Length	435
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	1.56 ng/mL - 100 ng/mL
Sensitivity	1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PSG6 elisa kit

Intended Uses: For the quantitative detection of Human Pregnancy-specific beta-1- glycoprotein 6 (PSG6) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PSG6 in Human serum, plasma. An antibody specific for PSG6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PSG6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PSG6 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 PSG6 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	73661174
NCBI GeneID	5675
NCBI Accession #	NP_001027020.1
NCBI GenBank Nucleotide #	NM_001031850.3
UniProt Accession #	Q00889; O75244; Q15224; Q15235; Q549K1

Molecular Weight	47,501 Da
NCBI Official Full Name	pregnancy-specific beta-1-glycoprotein 6 isoform b
NCBI Official Synonym Full Names	pregnancy specific beta-1-glycoprotein 6
NCBI Official Symbol	PSG6
NCBI Official Synonym Symbols	PSG10; PSGGB; PSBG-6; PSBG-10; PSBG-12
NCBI Protein Information	pregnancy-specific beta-1-glycoprotein 6
UniProt Protein Name	Pregnancy-specific beta-1-glycoprotein 6
UniProt Gene Name	PSG6
UniProt Synonym Gene Names	CGM3; PSG10; PSG12; PSGGB; PS-beta-G-6; PSBG-6; Pregnancy-specific glycoprotein 6; PS-beta-G-10; PSBG-10; Pregnancy-specific glycoprotein 10; PS-beta-G-12; PSBG-12; Pregnancy-specific glycoprotein 12

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://www.aaabiotech.com/psg6-human-elisa-kits/pregnancy-specific-beta-1-glycoprotein-6/55389>