

Human Pregnancy-Specific beta-1-Glycoprotein 2 (PSG2) ELISA Kit | PSG2 elisa kit

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CATALOG #
AAA331270

REACTIVITY
Human

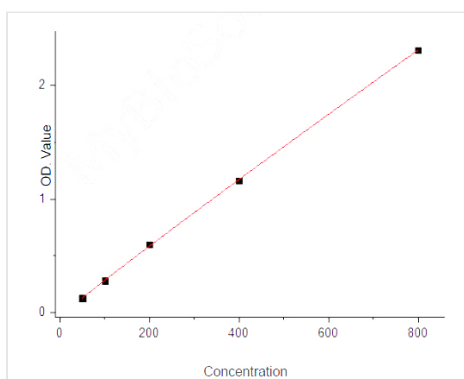
PRODUCT SYNONYMS

Pregnancy-Specific beta-1-Glycoprotein 2 (PSG2); Human Pregnancy-Specific beta-1-Glycoprotein 2 (PSG2) ELISA Kit; PSG2; CEA; PSBG2; PSG1; PSGGB; OTTHUMP00000200195; OTTHUMP00000200196; OTTHUMP00000200197; Pregnancy-specific beta-1-glycoprotein-2; carcinoembryonic antigen SG8; pregnancy-specific beta-1 glycoprotein; pregnan; PSG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	335
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSG2 elisa kit

Principle of the Assay: Human Pregnancy-Specific Beta-1- Glycoprotein 2 (PSG2) ELISA Kit employs a two-site sandwich ELISA to quantitate PSG2 in samples. An antibody specific for PSG2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PSG2 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human PSG2 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of PSG2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: The human pregnancy-specific glycoproteins (PSGs) are a family of proteins that are synthesized in large amounts by placental trophoblasts and released into the maternal circulation during pregnancy. Molecular cloning and analysis of several PSG genes has indicated that the PSGs form a subgroup of the carcinoembryonic antigen (CEA) gene family, which belongs to the immunoglobulin superfamily of genes. PSG2 (Pregnancy Specific Beta-1-Glycoprotein 2) is a Protein Coding gene. Diseases associated with PSG2 include Secretory Meningioma and Pericarditis. Among its related pathways are Cell surface interactions at the vascular wall and Response to elevated platelet cytosolic Ca2+.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156616282
NCBI GeneID	5670
NCBI Accession #	NP_112536.2
NCBI GenBank Nucleotide #	NP_112536.2
UniProt Accession #	P11465
NCBI Official Full Name	pregnancy-specific beta-1-glycoprotein 2
NCBI Official Synonym Full Names	pregnancy specific beta-1-glycoprotein 2
NCBI Official Symbol	PSG2
NCBI Official Synonym Symbols	CEA; PSG1; PSBG2
NCBI Protein Information	pregnancy-specific beta-1-glycoprotein 2
UniProt Protein Name	Pregnancy-specific beta-1-glycoprotein 2
UniProt Gene Name	PSG2
UniProt Synonym Gene Names	PSBG2; PS-beta-G-2; PSBG-2; Pregnancy-specific glycoprotein 2; PS-beta-E

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/pregnancy-specific-beta-1-glycoprotein-2-psg2/331270>