

Human Pregnancy Specific Protein B (PSPB) ELISA Kit | PSPB elisa kit

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CATALOG #
AAA331269

REACTIVITY
Human

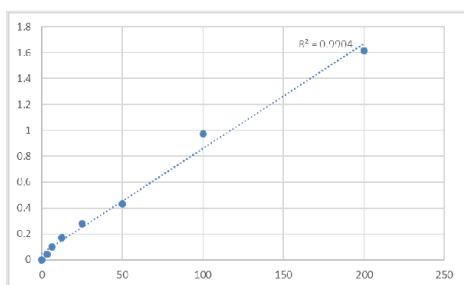
PRODUCT SYNONYMS

Pregnancy Specific Protein B (PSPB); Human Pregnancy Specific Protein B (PSPB) ELISA Kit; PSG5; FL-NCA-3; PSG; OTTHUMP00000200178; OTTHUMP00000200179; Pregnancy-specific beta-1-glycoprotein-5; pregnancy-specific beta 1 glycoprotein; pregnancy-specific beta-1 glycoprotein; PSPB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Pregnancy Specific Protein B (PSPB) Elisa kit has high sensitivity and excellent specificity for detection of Human PSPB. No significant cross-reactivity or interference between Human PSPB and analogues was observed.
Sequence Length	335
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	15 ng/L - 240 ng/L
Sensitivity	< 1 ng/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Pregnancy Specific Protein B (PSPB) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for PSPB elisa kit	Principle of the Assay: Human Pregnancy Specific Protein B (PSPB) Elisa kit employs a two-site sandwich ELISA to quantitate PSPB in samples. An antibody specific for Human PSPB has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PSPB present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated PSPB 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 PSPB bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	194097369
NCBI GeneID	5673
NCBI Accession #	NP_001123486.1
NCBI GenBank Nucleotide #	NP_001123486.1
UniProt Accession #	Q15238
NCBI Official Full Name	pregnancy-specific beta-1-glycoprotein 5
NCBI Official Synonym Full Names	pregnancy specific beta-1-glycoprotein 5
NCBI Official Symbol	PSG5
NCBI Official Synonym Symbols	PSG; FL-NCA-3
NCBI Protein Information	pregnancy-specific beta-1-glycoprotein 5
UniProt Protein Name	Pregnancy-specific beta-1-glycoprotein 5
UniProt Gene Name	PSG5
UniProt Synonym Gene Names	PS-beta-G-5; PSBG-5; Pregnancy-specific glycoprotein 5; FL-NCA-3
UniProt Entry Name	PSG5_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/human-elisa-kits/pregnancy-specific-protein-b-pspb/331269>