

Human Pregnancy-specific beta-1-glycoprotein 3 ELISA Kit | PSG3 elisa kit

Human Pregnancy-specific beta-1-glycoprotein 3 (PSG3) ELISA Kit

CATALOG #
AAA55696

REACTIVITY
Human

PRODUCT SYNONYMS

Pregnancy-specific beta-1-glycoprotein 3; Human Pregnancy-specific beta-1-glycoprotein 3 (PSG3) ELISA Kit; PSG3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human TNF-alpha. No significant cross-reactivity or interference between Human TNF-alpha and analogues was observed.
Sequence Length	428
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL-2000 pg/mL
Sensitivity	10.4 pg/mL (mean of 6 independent assays).
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 PSG3 elisa kit

Intended Uses: For the quantitative detection of Human Tumor necrosis factor alpha (TNF-alpha) concentration in serum, plasma and other biological fluids.

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	109240546
NCBI GeneID	5671
NCBI Accession #	NP_066296.2
NCBI GenBank Nucleotide #	NM_021016.3

UniProt Accession #	Q16557 ; Q08265 ; Q9BRW2 ; Q9UPL4 ; Q9UQ77
Molecular Weight	47,945 Da
NCBI Official Full Name	pregnancy-specific beta-1-glycoprotein 3
NCBI Official Synonym Full Names	pregnancy specific beta-1-glycoprotein 3
NCBI Official Symbol	PSG3
NCBI Protein Information	pregnancy-specific beta-1-glycoprotein 3
UniProt Protein Name	Pregnancy-specific beta-1-glycoprotein 3
UniProt Gene Name	PSG3
UniProt Synonym Gene Names	PS-beta-G-3; PSBG-3; Pregnancy-specific glycoprotein 3

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://www.aaabiotech.com/psg3-human-elisa-kits/pregnancy-specific-beta-1-glycoprotein-3/55696>