

PZP elisa kit

Human PZP PicoKine ELISA Kit

CATALOG #
AAA125076

REACTIVITY
HumanThere is no detectable cross-reactivity with other relevant proteins.

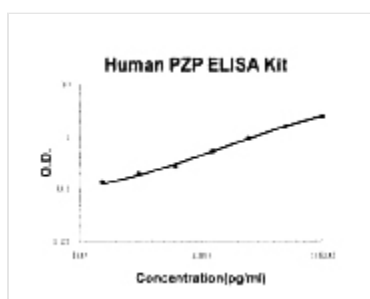
PRODUCT SYNONYMS

PZP; Human PZP PicoKine ELISA Kit; Human PZP; Pregnancy zone protein; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 6; CPAMD6; PZP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human There is no detectable cross-reactivity with other relevant proteins.
Specificity	Natural and recombinant human PZP
Sequence Length	1,268
Samples	Cell Culture Supernates, Serum, Plasma(Edta) And Saliva
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months. Store at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PZP elisa kit	Principle of the Assay: The Picokine Human PTX3 Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Human PTX3 with a 96-well strip plate that is pre-coated with antibody specific for PTX3. The detection antibody is a biotinylated antibody specific for PTX3. The capture antibody is monoclonal antibody from mouse, the detection antibody is polyclonal antibody from goat. The kit contains recombinant Human PTX3 with immunogen: Expression system for standard: NSO; Immunogen sequence: E18-S381. The kit is analytically validated with ready to use reagents. To measure Human PTX3, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Human PTX3 in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Human PTX3 in the sample!!Background/Introduction: PTX3(Pentraxin 3) is a member of the pentraxin superfamily. This super family characterized by cyclic multimeric structure. The PTX3 gene is mapped to 3q25.32. The predicted 381-amino acid PTX3 protein has homology to the pentraxin protein family. Significant levels of PTX3 were detected in plasma of neutropenic patients with systemic A. PTX3 is effective in preventing CMV infection and reactivation, as well as subsequent Aspergillus infection. PTX3 activates the classical pathway of complementactivation and facilitates pathogen recognition by macrophages and DCs.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281185515
NCBI GeneID	5858
UniProt Accession #	P20742; Q15273; Q2NKL2; Q7M4N7; A6ND27
Molecular Weight	140,368 Da
NCBI Official Full Name	Pregnancy zone protein
NCBI Official Synonym Full Names	PZP, alpha-2-macroglobulin like
NCBI Official Symbol	PZP
NCBI Official Synonym Symbols	CPAMD6
NCBI Protein Information	pregnancy zone protein
UniProt Protein Name	Pregnancy zone protein
UniProt Gene Name	PZP
UniProt Synonym Gene Names	CPAMD6

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.