

Human Pregnancy Zone Protein (PZP) RTU ELISA Kit | PZP rtu elisa kit

Human Pregnancy Zone Protein (PZP) ELISA Kit

CATALOG #
AAA218093

REACTIVITY
Human

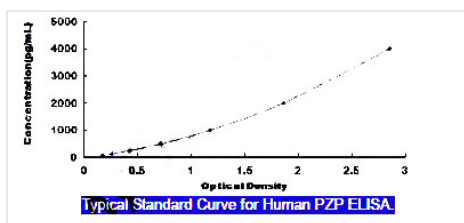
PRODUCT SYNONYMS

Pregnancy Zone Protein (PZP); Human Pregnancy Zone Protein (PZP) ELISA Kit; CPAMD6; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 6; PZP rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PZP. No significant cross-reactivity or interference between PZP and analogues was observed.
Sequence Length	1482
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	<32.7pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PZP were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level PZP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PZP rtu elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PZP in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PZP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PZP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain PZP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of PZP in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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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.