Human Postacrosomal Sheath WW Domain Binding Protein (PAWP) ELISA Kit | PAWP elisa kit

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CATALOG #	REACTIVITY
AAA68640	**Human**

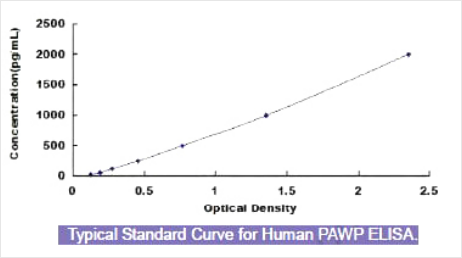
PRODUCT SYNONYMS

Postacrosomal Sheath WW Domain Binding Protein (PAWP); Human Postacrosomal Sheath WW Domain Binding Protein (PAWP) ELISA Kit; WBP2NL; WBP2 N-Terminal Like; WW domain-binding protein 2-like; PAWP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PAWP. No significant cross-reactivity or interference between PAWP and analogues was observed.
Sequence Length	309
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	<12.4pg/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PAWP 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 PAWP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PAWP elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PAWP in human 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 PAWP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PAWP. 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 PAWP, 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 PAWP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	224593260
NCBI GeneID	164684
NCBI Accession #	NP_689826.2
NCBI GenBank Nucleotide #	NM_152613.2
UniProt Accession #	Q6ICG8; Q8TBF0; Q8TBF3; A3KFF7; A8MSG5; B3KXX4
Molecular Weight	31,909 Da
NCBI Official Full Name	postacrosomal sheath WW domain-binding protein
NCBI Official Synonym Full Names	WBP2 N-terminal like
NCBI Official Symbol	WBP2NL
NCBI Official Synonym Symbols	PAWP; GRAMD7
NCBI Protein Information	postacrosomal sheath WW domain-binding protein
UniProt Protein Name	Postacrosomal sheath WW domain-binding protein
UniProt Gene Name	**WBP2NL**
UniProt Synonym Gene Names	PAWP

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/postacrosomal-sheath-ww-domain-binding-protein-pawp/68640