

## ARG81525 Human PSP ELISA Kit

Package: 96 wells  
Store at: 4°C

### Component

Cat. No.	Component Name	Package	Temp
ARG81525-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81525-002	Standard	2 X 10 ng/vial	4°C
ARG81525-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81525-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81525-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81525-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81525-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81525-008	25X Wash buffer	20 ml	4°C
ARG81525-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81525-010	STOP solution	10 ml (Ready to use)	4°C
ARG81525-011	Plate sealer	4 strips	Room temperature

### Summary

Product Description	ARG81525 Human PSP ELISA Kit is an Enzyme Immunoassay kit for the quantification of Human PSP in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	PSP
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.25 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 7.2% Inter-Assay CV: 8.2%
Alternate Names	IGBF; MSPB; Beta-microseminoprotein; PSP94; PSP57; Prostate secretory protein of 94 amino acids; Seminal plasma beta-inhibin; MSP; PSP-94; PRPS; HPC13; Prostate secreted seminal plasma protein; PSP; Immunoglobulin-binding factor; PN44

## Application Instructions

Assay Time	~ 5 hours
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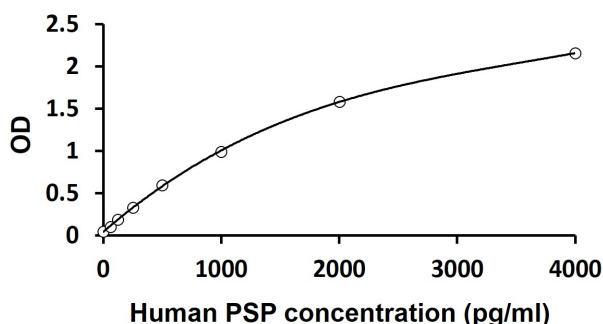
## Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Gene Symbol	MSMB
Gene Full Name	microseminoprotein, beta-
Background	The protein encoded by this gene is a member of the immunoglobulin binding factor family. It is synthesized by the epithelial cells of the prostate gland and secreted into the seminal plasma. This protein has inhibin-like activity. It may have a role as an autocrine paracrine factor in uterine, breast and other female reproductive tissues. The expression of the encoded protein is found to be decreased in prostate cancer. Two alternatively spliced transcript variants encoding different isoforms are described for this gene. The use of alternate polyadenylation sites has been found for this gene. [provided by RefSeq, Jul 2008]
Highlight	Related products: <a href="#">PSP antibodies</a> ; <a href="#">PSP ELISA Kits</a> ; New ELISA data calculation tool: <a href="#">Simplify the ELISA analysis by GainData</a>

## Images



ARG81525 Human PSP ELISA Kit standard curve image

ARG81525 Human PSP ELISA Kit results of a typical standard run with optical density reading at 450 nm.