

# Prostate Specific Antigen (Human Semen)

<b>CATALOG NO:</b>	P1444 50 µg
<b>ALTERNATE NAMES:</b>	PSA, Gamma-seminoprotein, Seminol, Kallikrein-3, P-30 antigen,
<b>MOL. WT.</b>	28,430
<b>SOURCE:</b>	Human Semen
<b>PURITY:</b>	>96% SDS-PAGE
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	0.2 micron filtered solution in 0.05 M sodium phosphate, 0.15 M sodium chloride and 0.09% sodium azide, pH 7.5
<b>CONCENTRATION:</b>	1.0 - 5.0 mg protein/mL (A280, E0.1%=1.7)
<b>STORAGE CONDITIONS:</b>	Store at 4°C
<b>DESCRIPTION:</b>	Prostate-specific antigen (PSA) also known as gamma-seminoprotein or kallikrein-3 is a glycoprotein that in humans is encoded by the KLK3 gene. PSA is produced for the ejaculate where it liquifies the semen in the seminal coagulum and allows sperm to swim freely. PSA is also believed to be instrumental in dissolving the cervical mucous, allowing the entry of sperm.

## RELATED PRODUCTS:

QuickDetect™ Free-PSA (Human) ELISA Kit (K4410)  
Prostate Specific Antigen (Total, human) ELISA Kit (K7431)  
KLK3 (Kallikrein-3), human recombinant (4727)  
Prostate Specific Antigen (Free, human) ELISA Kit (K7432)  
Human CellExp™ Kallikrein-3, human recombinant (7415)

***FOR RESEARCH USE ONLY! Not to be used on humans.***