

PSA-ACT Complex, Human Semen & Serum

CATALOG NO:	P1448-10 10 µg
ALTERNATE NAMES:	Prostate Specific Antigen-Alpha-1-Antichymotrypsin Complex
MOL. WT.	81,000
SOURCE:	Human Semen & Serum
PURITY:	> 96% SDS-PAGE.
FORM:	Liquid
FORMULATION:	In 0.2 µm filtered solution in 0.05 M sodium phosphate pH 7.5 with 0.15 M sodium chloride and 0.09% sodium azide
CONCENTRATION:	0.5 - 3.0 mg/mL (A280, E0.1% = 1.0)
STORAGE CONDITIONS:	Store in aliquots at -20°C.
DESCRIPTION:	<p>Prostate Specific Antigen PSA is localized in cytoplasm of prostate acinar cells, ductal epithelium and seminal fluid. Prostate Specific Antigen PSA exists in 3 major forms; free PSA, PSA-ACT (PSA bound to Alpha-1 Antichymotrypsin) and PSA-A2M (PSA bound to Alpha-2 Macroglobulin). Serum concentration as a free to bound ratio correlates well with tumour mass and clinical stage of prostate cancer. High levels of free PSA can also be seen in serum from patients with benign hypertrophy.</p> <p>Negative or non-reactive at the donor level for anti-HIV 1 and 2, anti-HCV, HBsAg, HCV NAT, HIV-1 NAT and syphilis by FDA approved methods.</p>
AMINO ACID SEQUENCE:	
RELATED PRODUCTS:	<p>Prostatic Acid Phosphatase, Human Semen (P1445) Prostate Specific Antign (Human Semen) (P1444)</p>

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