

Product Specification Sheet

<b>Cat #</b> PSA16-N-10	Human Prostate Specific Antigen (PSA)/ACT complex protein >99% pure	<b>Size:</b> 10 ug
<b>Cat #</b> PSA16-N-100	Human Prostate Specific Antigen (PSA)/ACT complex protein >99% pure	<b>Size:</b> 100 ug

<b>Source</b>	Purified Prostate Specific Antigen (PSA) from human seminal fluid Purified alpha 1-Antichymotrypsin (ACT) from human plasma
<b>Form</b>	Liquid, Supplied in buffer in 10mM Sodium acetate, 150mM Sodium chloride pH 5.6, 0.1% azide
<b>Concentration</b>	1.1mg/ml (OD280nm, $E^{0.1\%} = 1.0$ ) PSA content: 0.41 (Bayer ACS:180) Ratio of PSA:Total Protein = 0.37
<b>Purity</b>	99% pure (SDS-PAGE) 0.02% free PSA (ELISA)
<b>Storage</b>	Short term at 2-8oC; Long term at -20oC
<b>Stability</b>	~1 year or more at -20oC; Avoid repeated freeze and thaw.
<b>Specificity and crossreactivity</b>	PSA/ACT complex. No cross reactivity with Human AFP, CEA, PAP, CA-125, CA 19-9 or CA 15-3.
<b>Suggested Usage</b>	Suitable for ELISA as capture antibody; concentrations and coating conditions must be optimized for the assay.
<b>Note</b>	All human source materials have tested negative for HIV1, HIV2, HCV and HBV. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious
<b>MSDS Info</b>	Contains minimal concn of sodium azide (sigma). Consult the handling and disposal recommendations of sodium azide

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