

CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: A75029H **Lot #:** 1K31318

Description: PSA ACT Complex
Prostate Specific Antigen (PSA) Alpha 1-Antichymotrypsin (ACT) Complex, > 99% Pure

Source: Purified Prostate Specific Antigen (PSA) from human seminal fluid.
Purified alpha 1-Antichymotrypsin (ACT) from human plasma.

Format: Purified, Liquid

Purification: 99% pure (SDS-PAGE).
< 0.1% Free PSA (ELISA)

Concentration: 2.0 mg/mL (OD280nm, $E^{0.1\%} = 1.0$)
PSA Content: 0.622 mg/mL (Siemens ACS:180)
Ratio of PSA: Total Protein = 0.31

Buffer: 10 mM Sodium Acetate, 150 mM Sodium Chloride pH 5.6 ± 0.1 .

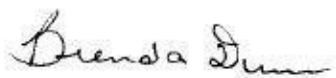
Preservative: 0.1% Sodium Azide

Applications: Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short term (up to 14 days) store at 2-8°C. Long term store below -15°C. Avoid multiple freeze/thaw cycles.

Inactivation: Not Applicable

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.



15 Nov 2018

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY