



## CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Acid Phosphatase, Polyclonal Anti-Human Affinity Purified
AB CONCENTRATION:	Typically Greater Than 1mg/ML
CAT. NO:	ICAPH-80A
FORM:	Liquid In Pbs, Ph 7.2
HOST:	Chicken
IMMUNOGEN:	Human Acid Phosphatase
PURITY:	Affinity Purified
STORAGE:	2-8C

Polyclonal Antibody: anti-human prostatic acid phosphatase PROCEDURE: Chickens were immunized with human Acid Phosphatase (PAP). After multiple immunizations in Freund's adjuvant, eggs were collected and the IgY fraction prepared. The antibodies were then immunoaffinity purified off an antigen containing immunoabsorbant.

Polyclonal Antibody SPECIFICATIONS: The anti-acid Phosphatase reacts with purified human acid Phosphatase by ELISA and Blotting applications. Optimal working conditions should be determined for your particular assay conditions.

Human Prostate Acid Phosphatase also known as human prostatic acid phosphatase(PAP,ACP) is alternative marker to prostate specific antigen (PSA) for prostate malignancy. Rape investigations will often include testing for the presence of Human prostatic (prostate) acid phosphatase in vaginal fluid.

Human prostatic Acid phosphatase (PAP) is a phosphatase, a type of enzyme, used to free attached phosphate groups from other molecules during digestion. Acid Phosphatase is stored in lysosomes and functions when these fuse with endosomes, which are acidified while they function; therefore, Human Acid Phosphatase has an acid pH optimum below 7.0