

## Product Datasheet

### PSA - prostate specific antigen (chicken antibody) GRP13187

<b>Species/Host</b>	Chicken
<b>Reactivity</b>	Human
<b>Predicted Reactivity</b>	Chimpanzee, Baboon, Rhesus
<b>Tested Applications</b>	ELISA
<b>Immunogen</b>	PSA purified from seminal fluid. Accession number P07288.
<b>Form/Appearance</b>	Liquid in 0.9% NaCl, 0.02% sodium azide
<b>Storage</b>	4 to 8°C
<b>Note</b>	For research use only.
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Total IgY
<b>MW</b>	28.7 kDa
<b>Uniprot ID</b>	P07288
<b>Dilution Range</b>	1 : 2500 (ELISA) against seminal fluid (prostatome-free)
<b>Application Notes</b>	Additional Information: This antibody was purified by PEG precipitation followed by ammonium sulphate precipitation. Total IgY fraction has concentration of 20 mg/ml, 1-3 mg is specific antibody per ml. Background: PSA-prostate-specific antigen (3.4.21.77) is an enzyme which hydrolyzes semenogelin-1, belongs to peptidase S1 family (kallikrein subfamily). Its action results in liquefaction of the seminal coagulum. Alternative protein names: Kallikrein-3, P-30 antigen, semenogelase.