

Product Datasheet

PSA - prostate specific antigen (chicken antibody) GRP13187

Species/Host	Chicken
Reactivity	Human
Predicted Reactivity	Chimpanzee, Baboon, Rhesus
Tested Applications	ELISA
Immunogen	PSA purified from seminal fluid. Accession number P07288.
Form/Appearance	Liquid in 0.9% NaCl, 0.02% sodium azide
Storage	4 to 8°C
Note	For research use only.
Clonality	Polyclonal
Purity	Total IgY
MW	28.7 kDa
Uniprot ID	P07288
Dilution Range	1 : 2500 (ELISA) against seminal fluid (prostatome-free)
Application Notes	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.