

Chicken Prostatic binding protein ELISA Kit | PBP elisa kit

Chicken Prostatic binding protein ELISA Kit

CATALOG #
AAA90517

REACTIVITY
Chicken

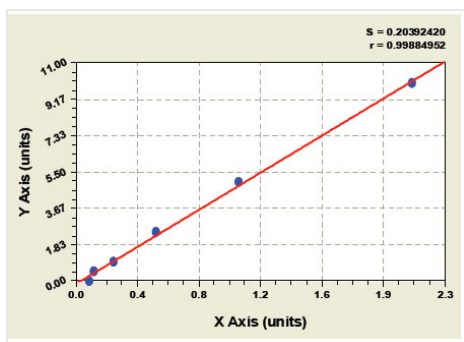
PRODUCT SYNONYMS

Prostatic binding protein; Chicken Prostatic binding protein ELISA Kit; PBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PBP elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This PBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PBP. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY PBP ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PBP. Standards or samples are then added to the microtiter plate wells and PBP if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PBP present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for PBP are added to each well to "sandwich" the PBP immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PBP and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PBP concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PBP elisa kit	Metabolism
---	------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	153955350
NCBI GeneID	5393499
NCBI Accession #	YP_001396115.1
NCBI GenBank Nucleotide #	NC_009706.1
NCBI Official Full Name	Pbp
NCBI Official Symbol	pbp
NCBI Protein Information	predicted beta-lactam-inducible penicillin-binding protein; Pbp

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/pbp-chicken-elisa-kits/prostatic-binding-protein/90517>