

Chicken PCNA (Proliferating Cell Nuclear Antigen) ELISA Kit | PCNA elisa kit

Chicken PCNA (Proliferating Cell Nuclear Antigen) ELISA Kit

CATALOG #
AAA277920

REACTIVITY
Chicken

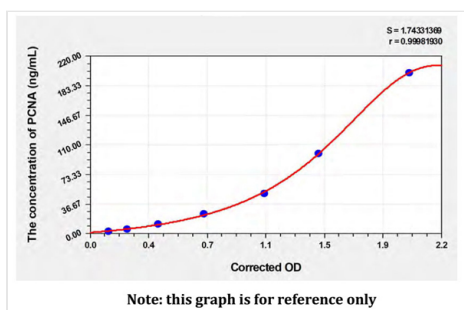
PRODUCT SYNONYMS

PCNA (Proliferating Cell Nuclear Antigen); Chicken PCNA (Proliferating Cell Nuclear Antigen) ELISA Kit; Cyclin; PCNA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of Chicken PCNA. No significant cross-reactivity or interference between Chicken PCNA and analogues was observed.
Assay Type	Sandwich
Detection Range	3.13-200 ng/mL
Sensitivity	1.31 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay)? CV% < 8%. Three samples of known concentration were tested twenty times on 1 plate to assess intra-assay precision.
Inter-assay Precision	Inter-assay Precision (precision between assays)? CV% < 10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PCNA elisa kit

Principle of the Assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chicken PCNA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken PCNA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Chicken PCNA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Chicken PCNA in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	45383776
NCBI GeneID	373984
NCBI Accession #	NP_989501.1
NCBI GenBank Nucleotide #	NM_204170.2
UniProt Accession #	Q9DEA3
Molecular Weight	28,888 Da
NCBI Official Full Name	proliferating cell nuclear antigen
NCBI Official Synonym Full Names	proliferating cell nuclear antigen
NCBI Official Symbol	PCNA
NCBI Protein Information	proliferating cell nuclear antigen
UniProt Protein Name	Proliferating cell nuclear antigen
UniProt Gene Name	PCNA
UniProt Synonym Gene Names	PCNA
UniProt Entry Name	PCNA_CHICK

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/chicken-elisa-kits/pcna-proliferating-cell-nuclear-antigen/277920>