

Goat ProlifeRating Cell Nuclear Antigen ELISA Kit | PCNA elisa kit

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CATALOG #
AAA89713

REACTIVITY
Goat

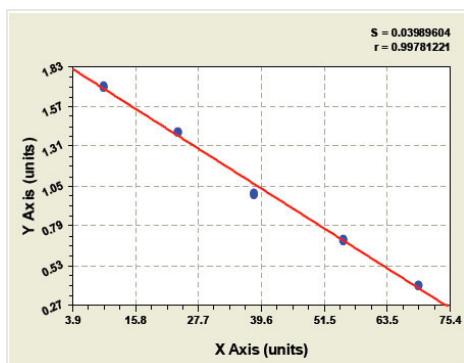
PRODUCT SYNONYMS

ProlifeRating Cell Nuclear Antigen; Goat ProlifeRating Cell Nuclear Antigen ELISA Kit; PCNA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
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 PCNA elisa kit
Intended Uses: This PCNA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat PCNA. This ELISA kit for research use only!

Principle of the Assay: PCNA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PCNA antibody and an PCNA-HRP conjugate. The assay sample and buffer are incubated together with PCNA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PCNA concentration since PCNA from samples and PCNA-HRP conjugate compete for the anti-PCNA antibody binding site. Since the number of sites is limited, as more sites are occupied by PCNA from the sample, fewer sites are left to bind PCNA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PCNA concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PCNA elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456555
NCBI GeneID	5111
UniProt Accession #	Q6FHF5; P12004; Q6FI35; Q7Z6A0; Q7Z6A1; Q7Z6A2; Q7Z6A3
Molecular Weight	28,706 Da
NCBI Official Full Name	PCNA
NCBI Official Synonym Full Names	proliferating cell nuclear antigen
NCBI Official Symbol	PCNA
NCBI Protein Information	proliferating cell nuclear antigen; cyclin; DNA polymerase delta auxiliary protein
UniProt Protein Name	Proliferating cell nuclear antigen
UniProt Gene Name	PCNA
UniProt Entry Name	Q6FHF5_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/pcna-goat-elisa-kits/proliferating-cell-nuclear-antigen/89713>