

Mouse Proliferating Cell Nuclear Antigen (PCNA) ELISA Kit-Sandwich

Cat. No.: EK6F937

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Mouse Proliferating Cell Nuclear Antigen (PCNA) ELISA Kit-Sandwich is designed for the quantitative determination of Mouse PCNA in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Mouse Proliferating Cell Nuclear Antigen (PCNA).
Target Species	Mouse
Species Reactivity	Mouse
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Proliferating cell nuclear antigen (PCNA) is an auxiliary protein for DNA polymerase delta and epsilon, playing a key role in regulating eukaryotic DNA replication by enhancing the polymerase's processibility during the elongation of the leading strand. In mouse o varies, PCNA expression is closely linked to the formation of primordial follicles and oocyte apoptosis. Research indicates that PCNA facilitates the assembly of primordial follicles by promoting oocyte apoptosis. Additionally, PCNA expression in the testis is associated with the spermatogenesis process. In mouse testes, PCNA is primarily expressed in spermatogonia and primary spermatocytes, but it is not found in supporting cells such as Sertoli cells, or interstitial cells like Leydig cells.

Target/Biomarker	Mouse PCNA
Target Synonym	Proliferating cell nuclear antigen; PcnA; Cyclin
Gene ID	18538
UniProt ID	P17918

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.