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## Product Datasheet

### Rat Proliferating Cell Nuclear Antigen (PCNA) ELISA Kit BYT-ORB782408

Article Name	Rat Proliferating Cell Nuclear Antigen (PCNA) ELISA Kit
Biozol Catalog Number	BYT-ORB782408
Supplier Catalog Number	orb782408
Alternative Catalog Number	BYT-ORB782408-48, BYT-ORB782408-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	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 Proliferating Cell Nuclear Antigen(PCNA)....
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.054 ng/mL
UniProt	<a href="#">P04961</a>
Samples	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 10 ng/mL. Test principle: 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 Rat PCNA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 10nm. The concentration of Rat PCNA in the samples is then determined by comparing the OD of the samples to the standard curve