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Product Datasheet

Rat CPA1(Carboxypeptidase A1, Pancreatic) ELISA Kit EBT-ELK6041

Article Name	Rat CPA1(Carboxypeptidase A1, Pancreatic) ELISA Kit
Biozol Catalog Number	EBT-ELK6041
Supplier Catalog Number	ELK6041
Alternative Catalog Number	EBT-ELK6041-96, EBT-ELK6041-48, EBT-ELK6041-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.51 ng/mL
UniProt	P00731
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. 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 CPA1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CPA1. 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 CPA1, 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 CPA1 in the samples is then determined by comparing the OD of the samples to the standard curve