

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Human PDE4A(Phosphodiesterase 4A, cAMP Specific) ELISA Kit EBT-ELK0902

Article Name	Human PDE4A(Phosphodiesterase 4A, cAMP Specific) ELISA Kit
Biozol Catalog Number	EBT-ELK0902
Supplier Catalog Number	ELK0902
Alternative Catalog Number	EBT-ELK0902-96, EBT-ELK0902-48, EBT-ELK0902-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	26.7 pg/mL
UniProt	P27815
Samples	Serum, plasma, tissue homogenates 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 Human PDE4A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PDE4A. 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 Human PDE4A, 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 Human PDE4A in the samples is then determined by comparing the OD of the samples to the standard curve
-------------------	---