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Product Datasheet

Human PDE9A(High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A) ELISA Kit EBT-ELK9635

Artikelname	Human PDE9A(High affinity cGMP-specific 3',5'-cyclic phosphodiesterase 9A) ELISA Kit
Artikelnummer	EBT-ELK9635
Hersteller Artikelnummer	ELK9635
Alternativnummer	EBT-ELK9635-96, EBT-ELK9635-48, EBT-ELK9635-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.052 ng/mL
UniProt	O76083
Proben	serum, plasma,Tissue homogenates and other biological fluids.

Anwendungsbeschreibung	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 PDE9A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PDE9A. 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 PDE9A, 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 PDE9A in the samples is then determined by comparing the OD of the samples to the standard curve
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