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Product Datasheet

Mouse DPP4(Dipeptidyl Peptidase IV) ELISA Kit EBT-ELK10301

Article Name	Mouse DPP4(Dipeptidyl Peptidase IV) ELISA Kit
Biozol Catalog Number	EBT-ELK10301
Supplier Catalog Number	ELK10301
Alternative Catalog Number	EBT-ELK10301-96, EBT-ELK10301-48, EBT-ELK10301-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.21 ng/mL
UniProt	P28843
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, Apoptosis, Tumor immunity, Endocrinology, Cardiovascular biology, . 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 Mouse DPP4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse DPP4. 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 Mouse DPP4, 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 Mouse DPP4 in the samples is then determined by comparing the OD of the samples to the standard curve