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Product Datasheet

Mouse PTGDS(Prostaglandin-H2 D-isomerase) ELISA Kit EBT-ELK4911

Article Name	Mouse PTGDS(Prostaglandin-H2 D-isomerase) ELISA Kit
Biozol Catalog Number	EBT-ELK4911
Supplier Catalog Number	ELK4911
Alternative Catalog Number	EBT-ELK4911-96, EBT-ELK4911-48, EBT-ELK4911-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.063 ng/mL
UniProt	O09114
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

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