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Product Datasheet

Rat MAOA(Monoamine Oxidase A) ELISA Kit EBT-ELK4833

Article Name	Rat MAOA(Monoamine Oxidase A) ELISA Kit
Biozol Catalog Number	EBT-ELK4833
Supplier Catalog Number	ELK4833
Alternative Catalog Number	EBT-ELK4833-96, EBT-ELK4833-48, EBT-ELK4833-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	8000 pg/mL
Range	125-8000 pg/mL
Sensitivity	55 pg/mL
UniProt	P21396
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

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