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Product Datasheet

Mouse CYP7A1(Cytochrome P450 7A1) ELISA Kit EBT-ELK3901

Article Name	Mouse CYP7A1(Cytochrome P450 7A1) ELISA Kit
Biozol Catalog Number	EBT-ELK3901
Supplier Catalog Number	ELK3901
Alternative Catalog Number	EBT-ELK3901-96, EBT-ELK3901-48, EBT-ELK3901-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.127 ng/mL
UniProt	Q64505
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway,. 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 CYP7A1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CYP7A1. 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 CYP7A1, 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 CYP7A1 in the samples is then determined by comparing the OD of the samples to the standard curve