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Product Datasheet

Hamster CYP7A1(Cytochrome P450 7A1) ELISA Kit EBT-ELK9712

Article Name	Hamster CYP7A1(Cytochrome P450 7A1) ELISA Kit
Biozol Catalog Number	EBT-ELK9712
Supplier Catalog Number	ELK9712
Alternative Catalog Number	EBT-ELK9712-96, EBT-ELK9712-48, EBT-ELK9712-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Hamster
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.132 ng/mL
UniProt	P46634
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 Hamster CYP7A1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Hamster 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 Hamster 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 Hamster CYP7A1 in the samples is then determined by comparing the OD of the samples to the standard curve