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Product Datasheet

Human CYP3A5(Cytochrome P450 3A5) ELISA Kit EBT-ELK0270

Article Name	Human CYP3A5(Cytochrome P450 3A5) ELISA Kit
Biozol Catalog Number	EBT-ELK0270
Supplier Catalog Number	ELK0270
Alternative Catalog Number	EBT-ELK0270-96, EBT-ELK0270-48, EBT-ELK0270-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.047 ng/mL
UniProt	CYP3A5
Samples	serum, plasma, saliva, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity,. 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 Human CYP3A5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CYP3A5. 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 Human CYP3A5, 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 Human CYP3A5 in the samples is then determined by comparing the OD of the samples to the standard curve
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