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Product Datasheet

Human CYP3A4(Cytochrome P450 3A4) ELISA Kit EBT-ELK3947

Artikelname	Human CYP3A4(Cytochrome P450 3A4) ELISA Kit
Artikelnummer	EBT-ELK3947
Hersteller Artikelnummer	ELK3947
Alternativnummer	EBT-ELK3947-96, EBT-ELK3947-48, EBT-ELK3947-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.124 ng/mL
UniProt	P08684
Proben	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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 Human CYP3A4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CYP3A4. 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 CYP3A4, 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 CYP3A4 in the samples is then determined by comparing the OD of the samples to the standard curve