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Product Datasheet

Human CYP2E1(Cytochrome P450 2E1) ELISA Kit EBT-ELK4463

Artikelname	Human CYP2E1(Cytochrome P450 2E1) ELISA Kit
Artikelnummer	EBT-ELK4463
Hersteller Artikelnummer	ELK4463
Alternativnummer	EBT-ELK4463-96, EBT-ELK4463-48, EBT-ELK4463-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	50 ng/mL
Detektionsbereich	0.79-50 ng/mL
Sensitivitaet	0.32 ng/mL
UniProt	P05181
Proben	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, 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 CYP2E1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CYP2E1. 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 CYP2E1, 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 CYP2E1 in the samples is then determined by comparing the OD of the samples to the standard curve