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Product Datasheet

Human CYP1A2(Cytochrome P450 1A2) ELISA Kit EBT-ELK3866

Artikelname	Human CYP1A2(Cytochrome P450 1A2) ELISA Kit
Artikelnummer	EBT-ELK3866
Hersteller Artikelnummer	ELK3866
Alternativnummer	EBT-ELK3866-96, EBT-ELK3866-48, EBT-ELK3866-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	40 ng/mL
Detektionsbereich	0.63-40 ng/mL
Sensitivitaet	0.271 ng/mL
UniProt	P05177
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 CYP1A2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CYP1A2. 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 CYP1A2, 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 CYP1A2 in the samples is then determined by comparing the OD of the samples to the standard curve