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Product Datasheet

Simian CYP2E1(Cytochrome P450 2E1) ELISA Kit BYT-ORB3126969

Artikelname	Simian CYP2E1(Cytochrome P450 2E1) ELISA Kit
Artikelnummer	BYT-ORB3126969
Hersteller Artikelnummer	orb3126969
Alternativnummer	BYT-ORB3126969-48, BYT-ORB3126969-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Primate
Produktbeschreibung	Simian CYP2E1(Cytochrome P450 2E1) ELISA Kit...
Detektionsbereich	0.79-50 ng/mL
Sensitivitaet	0.32 ng/mL
Proben	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: 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 Simian CYP2E1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian 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 Simian 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 Simian CYP2E1 in the samples is then determined by comparing the OD of the samples to the standard curve