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Product Datasheet

Rat Cytochrome P450 2C9 (CYP2C9) ELISA Kit BYT-ORB781870

Artikelname	Rat Cytochrome P450 2C9 (CYP2C9) ELISA Kit
Artikelnummer	BYT-ORB781870
Hersteller Artikelnummer	orb781870
Alternativnummer	BYT-ORB781870-48, BYT-ORB781870-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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 Cytochrome P450 2C9(CYP2C9)....
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.119 ng/mL
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 20 ng/mL. 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 Rat CYP2C9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CYP2C9. 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 Rat CYP2C9, 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 Rat CYP2C9 in the samples is then determined by comparing the OD of the samples to the standard curve