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## Product Datasheet

### Human Cytochrome P450 1A1 (CYP1A1) ELISA Kit BYT-ORB777205

Artikelname	Human Cytochrome P450 1A1 (CYP1A1) ELISA Kit
Artikelnummer	BYT-ORB777205
Hersteller Artikelnummer	orb777205
Alternativnummer	BYT-ORB777205-48, BYT-ORB777205-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
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 1A1(CYP1A1)....
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.055 ng/mL
UniProt	<a href="#">P04798</a>
Proben	tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung	<p>Application Notes: standard: 10 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 Human CYP1A1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CYP1A1. 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 CYP1A1, 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 CYP1A1 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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