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## Product Datasheet

### Rat Cytochrome P450 2D6 (CYP2D6) ELISA Kit BYT-ORB781413

Article Name	Rat Cytochrome P450 2D6 (CYP2D6) ELISA Kit
Biozol Catalog Number	BYT-ORB781413
Supplier Catalog Number	orb781413
Alternative Catalog Number	BYT-ORB781413-48, BYT-ORB781413-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	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 2D6(CYP2D6)....
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.62 ng/mL
Samples	Tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 100 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 CYP2D6. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CYP2D6. 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 CYP2D6, 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 CYP2D6 in the samples is then determined by comparing the OD of the samples to the standard curve