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Product Datasheet

Rat Protoporphyrinogen Oxidase (PPOX) ELISA Kit BYT-ORB780087

Artikelname	Rat Protoporphyrinogen Oxidase (PPOX) ELISA Kit
Artikelnummer	BYT-ORB780087
Hersteller Artikelnummer	orb780087
Alternativnummer	BYT-ORB780087-48, BYT-ORB780087-96
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 Protoporphyrinogen Oxidase(PPOX)....
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.051 ng/mL
Proben	Tissue homogenates and other biological fluids.

Anwendungsbeschreibung

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