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## Product Datasheet

### Rat Erythropoietin (EPO) ELISA Kit BYT-ORB776347

Artikelname	Rat Erythropoietin (EPO) ELISA Kit
Artikelnummer	BYT-ORB776347
Hersteller Artikelnummer	orb776347
Alternativnummer	BYT-ORB776347-48, BYT-ORB776347-96
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 Erythropoietin(EPO)....
Konzentration	6000 pg/mL
Detektionsbereich	93.75-6000 pg/mL
Sensitivitaet	35.85 pg/mL
UniProt	<a href="#">P29676</a>
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 6000 pg/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 EPO. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat EPO. 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 EPO, 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 EPO in the samples is then determined by comparing the OD of the samples to the standard curve