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## Product Datasheet

### Rat Cluster of Differentiation 14 (CD14) ELISA Kit BYT-ORB775980

Artikelname	Rat Cluster of Differentiation 14 (CD14) ELISA Kit
Artikelnummer	BYT-ORB775980
Hersteller Artikelnummer	orb775980
Alternativnummer	BYT-ORB775980-48, BYT-ORB775980-96
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 Cluster Of Differentiation 14(CD14)....
Konzentration	4000 pg/mL
Detektionsbereich	62.5-4000 pg/mL
Sensitivitaet	29.2 pg/mL
UniProt	<a href="#">Q63691</a>
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 4000 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 CD14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CD14. 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 CD14, 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 CD14 in the samples is then determined by comparing the OD of the samples to the standard curve