

Product Datasheet

Rat Cluster of Differentiation 14 (CD14) ELISA Kit (orb775980)

Catalog Number	orb775980
Category	Assays and Kits
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 Cluster Of Differentiation 14(CD14).
Reactivity	Rat
Concentration	4000 pg/mL
UniProt ID	Q63691
Tested applications	ELISA
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
Assay Type	Sandwich
Assay Time	3.5h

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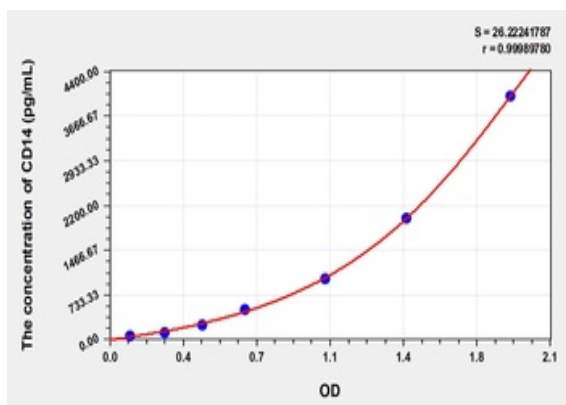
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Range	62.5-4000 pg/mL
Sensitivity	29.2 pg/mL
Sample Types	serum, plasma, tissue homogenates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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