

Product Datasheet

Rat Cluster of Differentiation 3 (CD3) ELISA Kit (orb866948)

Catalog Number	orb866948
Category	Assays and Kits
Description	Sandwich Rat CD3 ELISA Kit
Reactivity	Rat
Concentration	20 ng/mL
UniProt ID	P04235
Tested applications	ELISA
Application notes	<p>standard: 20 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 CD3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CD3. 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 CD3, 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 \pm 10nm. The concentration of Rat CD3 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
Assay Type	Sandwich
Assay Time	3.5h
Range	0.32-20 ng/mL

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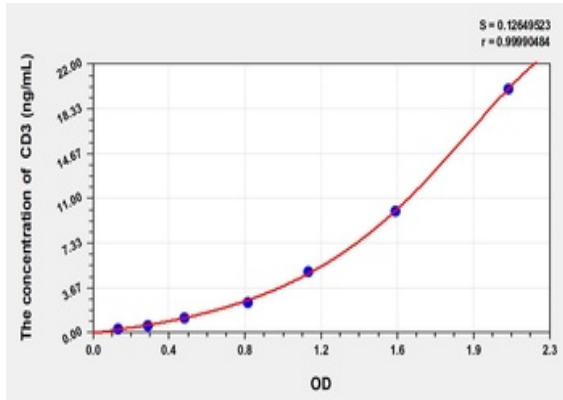
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Sensitivity	0.124 ng/mL
Sample Types	Tissue homogenates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.

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