

Product Datasheet

Human CXCR4 ELISA Kit (orb777384)

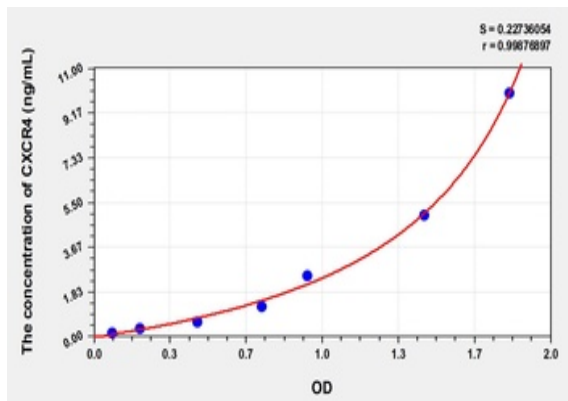
Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Chemokine C-X-C-Motif Receptor 4(CXCR4).
Reactivity	Human
Range	0.16-10 ng/mL
Tested Applications	ELISA
Concentration	10 ng/mL
Note	For research use only
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 Human CXCR4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CXCR4. 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 Human CXCR4, 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 Human CXCR4 in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	tissue homogenates, cell lysates and other biological fluids
Uniprot ID	P61073
Sensitivity	0.058 ng/mL
Expiration Date	Please enquire.

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