

Product Datasheet

Mouse TLR4 ELISA Kit (orb776529)

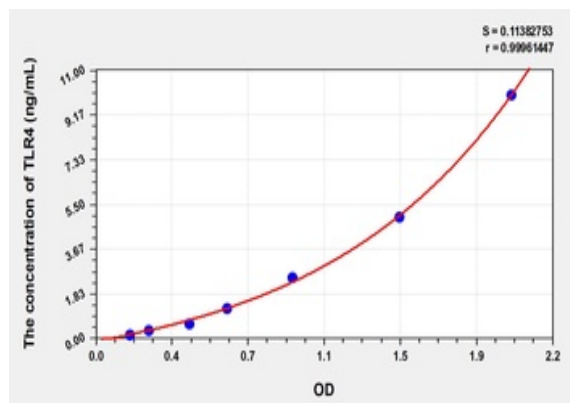
Description	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Toll Like Receptor 4(TLR4).
Reactivity	Mouse
Range	0.16-10 ng/mL
Tested Applications	ELISA
Concentration	10 ng/mL
Note	For research 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 Mouse TLR4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TLR4. 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 Mouse TLR4, 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 Mouse TLR4 in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Uniprot ID	Q9QUK6
Sensitivity	0.054 ng/mL
Expiration Date	Please enquire.

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