

Product Datasheet

Mouse Formyl Peptide Receptor 2 (FPR2) ELISA Kit (orb1736489)

Catalog Number orb1736489

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 Mouse FPR2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse FPR2. 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 FPR2, 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Mouse FPR2 in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Mouse

Range 31.25-2000 pg/mL

Concentration 2000 pg/mL

Note For research use only

Application notes standard: 2000 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 Mouse FPR2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse FPR2. 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 FPR2, 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Mouse FPR2 in the samples is then determined by comparing the OD of the samples to the standard curve

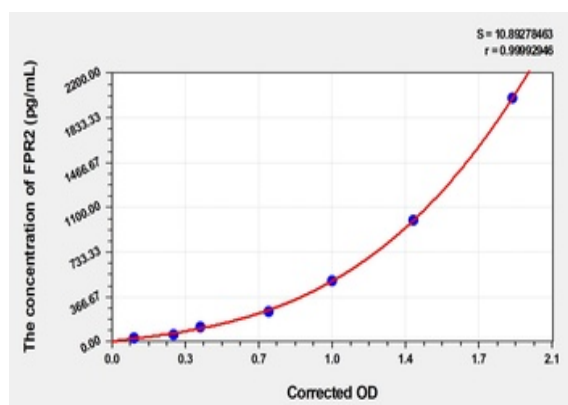
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Sample Types	Tissue homogenates, cell lysates and other biological fluids
Assay Time	3.5h
Uniprot ID	O88536
Sensitivity	15.6 pg/mL
Expiration Date	Please enquire.

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