

Product Datasheet

Mouse Resolvin D1 (RvD1) ELISA Kit (orb1817291)

Catalog Number orb1817291

Description This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse RvD1 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse RvD1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 RvD1 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: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse RvD1 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse RvD1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 RvD1 in the samples is then determined by comparing the OD of the samples to the standard curve

Sample Types serum, plasma and other biological fluids

Assay Time 2.5h

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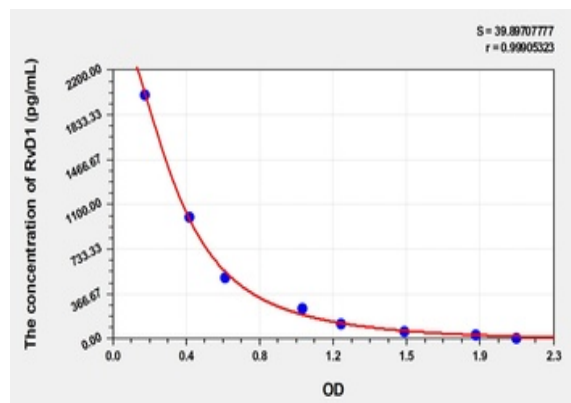
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Sensitivity 12.9 pg/mL

Expiration Date Please enquire.

**Biorbyt Ltd.**

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