
Product Datasheet

Mouse IL8Rb(Interleukin 8 Receptor Beta) ELISA Kit (orb1950173)

Description

The test principle applied in this kit is

microtiter plate provided...

Reactivity

Mouse

Range

31.25-2000 pg/mL

Note

For research use only

Application notes

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 IL8Rb. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse IL8Rb. 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 IL8Rb, 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 IL8Rb in the samples is then determined by comparing the OD of the samples to the standard curve.

Sample Types

Serum, plasma, tissue homogenates and other biological fluids.

Uniprot ID

P35343

Sensitivity

11.2 pg/mL

Expiration Date

Please enquire.