

Product Datasheet

Canine SDMA(Symmetric dimethylarginine) ELISA Kit (orb1946595)

Description Canine SDMA(Symmetric dimethylarginine) ELISA Kit

Reactivity Canine

Range 0.16-10 ng/mL

Target SDMA

Note For research use only

Application notes This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Symmetric dimethylarginine(SDMA) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Symmetric dimethylarginine(SDMA). 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 Symmetric dimethylarginine(SDMA) 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

Sensitivity 0.049 ng/mL

Expiration Date Please enquire.

