

Product Datasheet

cAMP(Cyclic Adenosine Monophosphate) ELISA Kit (orb1806551)

Description cAMP(Cyclic Adenosine Monophosphate) ELISA Kit

Reactivity All

Range 312.5-20000 pg/mL

Target cAMP

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 Cyclic Adenosine Monophosphate(cAMP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cyclic Adenosine Monophosphate(cAMP). 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 450nm ± 10nm. The concentration of Cyclic Adenosine Monophosphate(cAMP) in the samples is then determined by comparing the OD of the samples to the standard curve.

Sample Types serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Sensitivity 92.5 pg/mL

Expiration Date Please enquire.

