
Product Datasheet

Human CPEB1(Cytoplasmic Polyadenylation Element-binding Protein 1) ELISA Kit (orb1950081)

Description

Human CPEB1(Cytoplasmic

Protein 1) ELISA Kit

Reactivity

Human

Range

15.63-1000 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 Human CPEB1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CPEB1. 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 Human CPEB1, 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 Human CPEB1 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[Q9BZB8](#)**Sensitivity**

6.1 pg/mL

Expiration Date

Please enquire.