
Product Datasheet

EasyStep Human CRP(C Reactive Protein) ELISA Kit (orb1950189)

Description

The test principle applied in this kit is

microtiter plate provided...

Reactivity

Human

Range

0.23-15 ng/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 CRP, and the Human CRP standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Human CRP. After TMB substrate solution is added, only those wells that contain Human CRP and HRP-conjugated antibody 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 CRP in the samples is then determined by comparing the OD of the samples to the standard curve.

Sample Types

Serum, plasma

Uniprot ID

P02741

Sensitivity

53 pg/mL

Expiration Date

Please enquire.