

Product Datasheet

Human CYP3A5(Cytochrome P450 3A5) ELISA Kit (orb1950089)

Description

Human CYP3A5(Cytochrome P450)

Reactivity

Human

Range

0.16-10 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 CYP3A5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CYP3A5. 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 CYP3A5, 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 450nm $\pm$ 10nm. The concentration of Human CYP3A5 in the samples is then determined by comparing the OD of the samples to the standard curve.

Sample Types

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

Uniprot ID

CYP3A5

Sensitivity

0.048 ng/mL

Expiration Date

Please enquire.