

Product Datasheet

Human AKR1C3(Aldo-keto Reductase Family 1 Member C3) ELISA Kit (orb1950154)

Description

Human AKR1C3(Aldo-keto

ELISA Kit

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 AKR1C3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human AKR1C3. 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 AKR1C3, 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 AKR1C3 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

Uniprot ID**P42330****Sensitivity**

0.068 ng/mL

Expiration Date

Please enquire.