

Product Datasheet

Human FOXO3(Forkhead Box Protein O3) ELISA Kit orb1994858

Description	Human FOXO3(Forkhead Box Protein O3) ELISA Kit
Reactivity	Human
Range	15.63-1000 pg/mL
Sensitivity	6.61 pg/mL
Note	For research use only.
Sample Types	serum, plasma, other biological fluids
Expiration Date	Please enquire.
Application Notes	<p>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 FOXO3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human FOXO3. 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 FOXO3, 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 FOXO3 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>