

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Rat Free Fatty Acid Receptor 2 (FFAR2) ELISA Kit BYT-ORB1496508

Article Name	Rat Free Fatty Acid Receptor 2 (FFAR2) ELISA Kit
Biozol Catalog Number	BYT-ORB1496508
Supplier Catalog Number	orb1496508
Alternative Catalog Number	BYT-ORB1496508-48,BYT-ORB1496508-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat FFAR2 ELISA Kit...
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.067 ng/mL
UniProt	Q76E16
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Application Notes: standard: 10 ng/mL. Test principle: 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 Rat FFAR2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat FFAR2. 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 Rat FFAR2, 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 10nm. The concentration of Rat FFAR2 in the samples is then determined by comparing the OD of the samples to the standard curve