

Product Datasheet

Human Anti-ryanodine Receptor calcium release channel Antibody (Anti-RyR) ELISA Kit (orb2307992)

Catalog Number orb2307992

Description This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Anti-RyR protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-RyR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Anti-RyR in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Human

Range 0.79-50 ng/mL

Concentration 50 ng/mL

Note For research use only

Application notes standard: 50 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Anti-RyR protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-RyR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Anti-RyR in the samples is then determined by comparing the OD of the samples to the standard curve

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Sample Types	Serum, plasma, tissue homogenates and other biological fluids.
Assay Time	3.5h
Sensitivity	0.24 ng/mL
Expiration Date	Please enquire.

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