Product Datasheet

Zebrafish Acetylcholinesterase (AchE) ELISA Kit (orb1817394)

Description	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 Zebrafish AchE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Zebrafish AchE. 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 Zebrafish AchE, 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 Zebrafish AchE in the samples is then determined by comparing the OD of the samples to the standard curve.
Reactivity	Zebrafish
Range	0.63-40 ng/mL
Concentration	40 ng/mL
Note	For research use only
Application notes	standard: 40 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 Zebrafish AchE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Zebrafish AchE. 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 Zebrafish AchE, 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 Zebrafish AchE in the samples is then determined by comparing the OD of the samples to the standard curve

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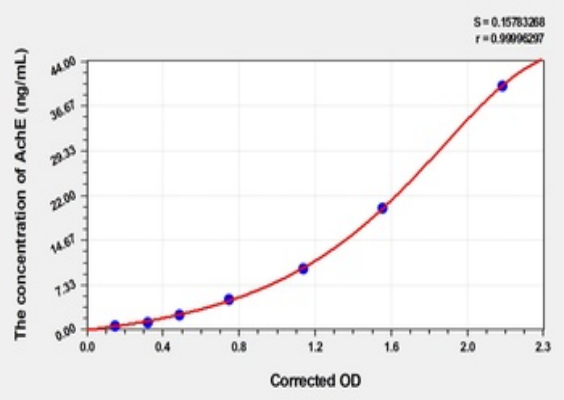
Sample Types	Serum, plasma, tissue homogenates and other biological fluids
Assay Time	3.5h
Sensitivity	0.22 ng/mL
Expiration Date	Please enquire.



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