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## Product Datasheet

### Rat Nicotinic Acetylcholine Receptor (nAChR) ELISA Kit BYT-ORB1291366

Artikelname	Rat Nicotinic Acetylcholine Receptor (nAChR) ELISA Kit
Artikelnummer	BYT-ORB1291366
Hersteller Artikelnummer	orb1291366
Alternativnummer	BYT-ORB1291366-48, BYT-ORB1291366-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	Rat nAChR (Nicotinic Acetylcholine Receptor) ELISA Kit...
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.059 ng/mL
Proben	Serum, plasma, tissue homogenates and other biological fluids.

Anwendungsbeschreibung

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 nAChR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat nAChR. 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 nAChR, 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 nAChR in the samples is then determined by comparing the OD of the samples to the standard curve