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## Product Datasheet

### Rat Amyloid Precursor Protein (APP) ELISA Kit BYT-ORB780017

Artikelname	Rat Amyloid Precursor Protein (APP) ELISA Kit
Artikelnummer	BYT-ORB780017
Hersteller Artikelnummer	orb780017
Alternativnummer	BYT-ORB780017-48, BYT-ORB780017-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Rat
Produktbeschreibung	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 Amyloid Precursor Protein(APP)....
Konzentration	5000 pg/mL
Detektionsbereich	78.13-5000 pg/mL
Sensitivitaet	32 pg/mL
UniProt	<a href="#">P08592</a>
Proben	Serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 5000 pg/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 APP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat APP. 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 APP, 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 APP in the samples is then determined by comparing the OD of the samples to the standard curve