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## Product Datasheet

### Human phospho Tau Protein (ptau) ELISA Kit BYT-ORB1291354

Artikelname	Human phospho Tau Protein (ptau) ELISA Kit
Artikelnummer	BYT-ORB1291354
Hersteller Artikelnummer	orb1291354
Alternativnummer	BYT-ORB1291354-48, BYT-ORB1291354-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	Human ptau (phospho Tau Protein) ELISA Kit...
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.8 pg/mL
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 1000 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 Human ptau. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human ptau. 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 Human ptau, 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 Human ptau in the samples is then determined by comparing the OD of the samples to the standard curve