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## Product Datasheet

### Rat Ab1-42(Amyloid Beta Peptide 1-42) ELISA Kit EBT-ELK4897

Artikelname	Rat Ab1-42(Amyloid Beta Peptide 1-42) ELISA Kit
Artikelnummer	EBT-ELK4897
Hersteller Artikelnummer	ELK4897
Alternativnummer	EBT-ELK4897-96, EBT-ELK4897-48, EBT-ELK4897-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	4.75 pg/mL
Proben	Serum, plasma and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Neuro science,. 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 Ab1-42. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat Ab1-42. 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 Ab1-42, 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 Ab1-42 in the samples is then determined by comparing the OD of the samples to the standard curve