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Product Datasheet

Human High Sensitivity Amyloid Beta Peptide 1-42 (hs Ab1-42) ELISA Kit BYT-ORB782714

Artikelname	Human High Sensitivity Amyloid Beta Peptide 1-42 (hs Ab1-42) ELISA Kit
Artikelnummer	BYT-ORB782714
Hersteller Artikelnummer	orb782714
Alternativnummer	BYT-ORB782714-48, BYT-ORB782714-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Human
Produktbeschreibung	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with hs Ab1-42 (high sensitivity Amyloid Beta Peptide 1-42) protein. Standards or samples are added to the approp...
Konzentration	300 pg/mL
Detektionsbereich	4.69-300 pg/mL
Sensitivitaet	1.34 pg/mL
Proben	serum, plasma and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 300 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 hs Ab1-42. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human hs 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 Human hs 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 Human hs Ab1-42 in the samples is then determined by comparing the OD of the samples to the standard curve