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Product Datasheet

Human High Sensitivity Amyloid Beta Peptide 1-40 (hs Ab1-40) ELISA Kit BYT-ORB782715

Article Name	Human High Sensitivity Amyloid Beta Peptide 1-40 (hs Ab1-40) ELISA Kit
Biozol Catalog Number	BYT-ORB782715
Supplier Catalog Number	orb782715
Alternative Catalog Number	BYT-ORB782715-48, BYT-ORB782715-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with hs Ab1-40(high sensitivity Amyloid Beta Peptide 1-40) protein. Standards or samples are added to the approp...
Concentration	300 pg/mL
Range	4.69-300 pg/mL
Sensitivity	1.46 pg/mL
Samples	Serum, plasma and other biological fluids

Application Notes

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 Ab1-40. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human hs Ab1-40. 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 Ab1-40, 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 Ab1-40 in the samples is then determined by comparing the OD of the samples to the standard curve