

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

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

Article Name	Human High Sensitivity Amyloid Beta Peptide 1-42 (hs Ab1-42) ELISA Kit
Biozol Catalog Number	BYT-ORB782714
Supplier Catalog Number	orb782714
Alternative Catalog Number	BYT-ORB782714-48, BYT-ORB782714-96
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 Ab1-42(high sensitivity Amyloid Beta Peptide 1-42) protein. Standards or samples are added to the approp...
Concentration	300 pg/mL
Range	4.69-300 pg/mL
Sensitivity	1.34 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 Ab1-42. 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