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## Product Datasheet

### Human Amyloid Beta Peptide 42 Antibody(Abeta42-Ab) ELISA Kit BYT-ORB3131267

Article Name	Human Amyloid Beta Peptide 42 Antibody(Abeta42-Ab) ELISA Kit
Biozol Catalog Number	BYT-ORB3131267
Supplier Catalog Number	orb3131267
Alternative Catalog Number	BYT-ORB3131267-48, BYT-ORB3131267-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Amyloid Beta Peptide 42 Antibody(Abeta42-Ab) ELISA Kit...
Range	0.16-10ng/mL
Sensitivity	0.07ng/mL
Samples	Serum, Plasma, Tissue homogenate and Other biological samples, Sample Volume=100µL
Target	Abeta42-Ab

Application Notes

Application Notes: This ELISA kit uses the Double Antigen Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Abeta42 .Samples (or Standards) are added to the micro ELISA plate wells and combined with antigen. Then a biotinylated detection antigen and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human Abeta42-Ab, biotinylated detection antigen and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm. The OD value is proportional to the concentration of Human Abeta42-Ab. You can calculate the concentration of Human Abeta42-Ab in the samples by comparing the OD of the samples to the standard curve