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Product Datasheet

Simian Ab1-42(Amyloid Beta Peptide 1-42) ELISA Kit BYT-ORB3127044

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| Article Name | Simian Ab1-42(Amyloid Beta Peptide 1-42) ELISA Kit |
| Biozol Catalog Number | BYT-ORB3127044 |
| Supplier Catalog Number | orb3127044 |
| Alternative Catalog Number | BYT-ORB3127044-48, BYT-ORB3127044-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Species Reactivity | Primate |
| Product Description | Simian Ab1-42(Amyloid Beta Peptide 1-42) ELISA Kit... |
| Range | 15.63-1000 pg/mL |
| Sensitivity | 5.32 pg/mL |
| Samples | serum, plasma and other biological fluids |

Application Notes

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