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Product Datasheet

Simian NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit BYT-ORB3127053

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| Article Name | Simian NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit |
| Biozol Catalog Number | BYT-ORB3127053 |
| Supplier Catalog Number | orb3127053 |
| Alternative Catalog Number | BYT-ORB3127053-48, BYT-ORB3127053-96 |
| Manufacturer | Biorbyt |
| Category | Kits/Assays |
| Species Reactivity | Primate |
| Product Description | Simian NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit... |
| Range | 31.25-2000 pg/mL |
| Sensitivity | 0.91 pg/mL |
| Samples | serum, plasma, tissue homogenates, cell lysates, cell culture supernates 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 NT-ProBNP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian NT-ProBNP. 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 NT-ProBNP, 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 NT-ProBNP in the samples is then determined by comparing the OD of the samples to the standard curve