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Product Datasheet

Human NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit EBT-ELK1212

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| Article Name | Human NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit |
| Biozol Catalog Number | EBT-ELK1212 |
| Supplier Catalog Number | ELK1212 |
| Alternative Catalog Number | EBT-ELK1212-96, EBT-ELK1212-48, EBT-ELK1212-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Human |
| Concentration | 2500 pg/mL |
| Range | 39.07-2500 pg/mL |
| Sensitivity | 15 pg/mL |
| Samples | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology, Cardiovascular biology,. 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 NT-ProBNP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human NT-ProBNP in the samples is then determined by comparing the OD of the samples to the standard curve