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Product Datasheet

Human ET-1(Endothelin1) Microsample ELISA Kit EBT-ELK2444MS

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| Article Name | Human ET-1(Endothelin1) Microsample ELISA Kit |
| Biozol Catalog Number | EBT-ELK2444MS |
| Supplier Catalog Number | ELK2444MS |
| Alternative Catalog Number | EBT-ELK2444MS-96, EBT-ELK2444MS-48, EBT-ELK2444MS-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Human |
| Concentration | 500 pg/mL |
| Range | 7.82-500 pg/mL |
| Sensitivity | 2.69 pg/mL |
| UniProt | P05305 |
| 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 ET-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human ET-1. 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 ET-1, 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 ET-1 in the samples is then determined by comparing the OD of the samples to the standard curve