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Product Datasheet

Human F-actin(Filamentous Actin) ELISA Kit EBT-ELK0113

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| Article Name | Human F-actin(Filamentous Actin) ELISA Kit |
| Biozol Catalog Number | EBT-ELK0113 |
| Supplier Catalog Number | ELK0113 |
| Alternative Catalog Number | EBT-ELK0113-96, EBT-ELK0113-48, EBT-ELK0113-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Human |
| Concentration | 40 ng/mL |
| Range | 0.63-40 ng/mL |
| Sensitivity | 0.18 ng/mL |
| Samples | Serum, plasma, tissue homogenates |

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Developmental science, Bone metabolism, . 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 F-actin. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human F-actin. 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 F-actin, 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 F-actin in the samples is then determined by comparing the OD of the samples to the standard curve