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Product Datasheet

Mouse Rock1(Rho Associated Coiled Coil Containing Protein Kinase 1) ELISA Kit EBT-ELK0322

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| Article Name | Mouse Rock1(Rho Associated Coiled Coil Containing Protein Kinase 1) ELISA Kit |
| Biozol Catalog Number | EBT-ELK0322 |
| Supplier Catalog Number | ELK0322 |
| Alternative Catalog Number | EBT-ELK0322-96, EBT-ELK0322-48, EBT-ELK0322-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Mouse |
| Concentration | 10 ng/mL |
| Range | 0.16-10 ng/mL |
| Sensitivity | 0.065 ng/mL |
| UniProt | P70335 |
| 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: Signal transduction, Enzyme & Kinase, Tumor immunity, Infection immunity.. 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 Mouse Rock1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse Rock1. 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 Mouse Rock1, 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 Mouse Rock1 in the samples is then determined by comparing the OD of the samples to the standard curve