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Product Datasheet

Rat IFN β (Interferon Beta) ELISA Kit EBT-ELK2335

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| Article Name | Rat IFN β (Interferon Beta) ELISA Kit |
| Biozol Catalog Number | EBT-ELK2335 |
| Supplier Catalog Number | ELK2335 |
| Alternative Catalog Number | EBT-ELK2335-96, EBT-ELK2335-48, EBT-ELK2335-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Rat |
| Concentration | 500 pg/mL |
| Range | 7.82-500 pg/mL |
| Sensitivity | 2.9 pg/mL |
| UniProt | P70499 |
| 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: Cytokine, 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 Rat IFN β . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IFN β . 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 Rat IFN β , 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 \pm 10nm. The concentration of Rat IFN β in the samples is then determined by comparing the OD of the samples to the standard curve