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Product Datasheet

Rat WARS(Tryptophanyl tRNA Synthetase) ELISA Kit EBT-ELK10025

Article Name	Rat WARS(Tryptophanyl tRNA Synthetase) ELISA Kit
Biozol Catalog Number	EBT-ELK10025
Supplier Catalog Number	ELK10025
Alternative Catalog Number	EBT-ELK10025-96, EBT-ELK10025-96X5, EBT-ELK10025-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.06 ng/mL
UniProt	Q6P7B0
Samples	Tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, 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 WARS. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat WARS. 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 WARS, 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 Rat WARS in the samples is then determined by comparing the OD of the samples to the standard curve