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Product Datasheet

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

Artikelname	Rat WARS(Tryptophanyl tRNA Synthetase) ELISA Kit
Artikelnummer	EBT-ELK10025
Hersteller Artikelnummer	ELK10025
Alternativnummer	EBT-ELK10025-96, EBT-ELK10025-96X5, EBT-ELK10025-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.06 ng/mL
UniProt	Q6P7B0
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

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