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Product Datasheet

Rat Trx(Thioredoxin) ELISA Kit EBT-ELK1998

Article Name	Rat Trx(Thioredoxin) ELISA Kit
Biozol Catalog Number	EBT-ELK1998
Supplier Catalog Number	ELK1998
Alternative Catalog Number	EBT-ELK1998-96, EBT-ELK1998-48, EBT-ELK1998-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.118 ng/mL
UniProt	P11232
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Developmental science,. 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 Trx. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat Trx. 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 Trx, 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 Trx in the samples is then determined by comparing the OD of the samples to the standard curve