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Product Datasheet

Mouse XRCC6(X-Ray Repair Cross Complementing 6) ELISA Kit EBT-ELK3898

Article Name	Mouse XRCC6(X-Ray Repair Cross Complementing 6) ELISA Kit
Biozol Catalog Number	EBT-ELK3898
Supplier Catalog Number	ELK3898
Alternative Catalog Number	EBT-ELK3898-96, EBT-ELK3898-48, EBT-ELK3898-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.107 ng/mL
UniProt	P23475
Samples	Tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, 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 Mouse XRCC6. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse XRCC6. 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 XRCC6, 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 XRCC6 in the samples is then determined by comparing the OD of the samples to the standard curve