

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Cattle AchE(Acetylcholinesterase) ELISA Kit EBT-ELK0774

Article Name	Cattle AchE(Acetylcholinesterase) ELISA Kit
Biozol Catalog Number	EBT-ELK0774
Supplier Catalog Number	ELK0774
Alternative Catalog Number	EBT-ELK0774-96, EBT-ELK0774-48, EBT-ELK0774-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Bovine
Concentration	50 ng/mL
Range	0.78-50 ng/mL
Sensitivity	0.33 ng/mL
UniProt	<a href="#">P23795</a>
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

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