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## Product Datasheet

### Human CLIC4(Chloride Intracellular Channel Protein 4) ELISA Kit EBT-ELK4806

Article Name	Human CLIC4(Chloride Intracellular Channel Protein 4) ELISA Kit
Biozol Catalog Number	EBT-ELK4806
Supplier Catalog Number	ELK4806
Alternative Catalog Number	EBT-ELK4806-96, EBT-ELK4806-48, EBT-ELK4806-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	31 pg/mL
UniProt	<a href="#">Q9Y696</a>
Samples	Tissue homogenates, cell lysates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 Human CLIC4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human CLIC4. 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 Human CLIC4, 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 Human CLIC4 in the samples is then determined by comparing the OD of the samples to the standard curve