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## Product Datasheet

### Chicken AMY2(Amylase Alpha 2, Pancreatic) ELISA Kit EBT-ELK11002

Article Name	Chicken AMY2(Amylase Alpha 2, Pancreatic) ELISA Kit
Biozol Catalog Number	EBT-ELK11002
Supplier Catalog Number	ELK11002
Alternative Catalog Number	EBT-ELK11002-96, EBT-ELK11002-48, EBT-ELK11002-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Gallus
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.23 ng/mL
Samples	serum, plasma, tissue homogenates and other biological fluids

#### Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Metabolic pathway, Infection immunity, Hepatology,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been precoated with an antibody specific to Chicken AMY2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken AMY2. 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 Chicken AMY2, 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 Chicken AMY2 in the samples is then determined by comparing the OD of the samples to the standard curve