

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

## Product Datasheet

### Sheep ADIPOQ(Adiponectin) ELISA Kit EBT-ELK0997

Article Name	Sheep ADIPOQ(Adiponectin) ELISA Kit
Biozol Catalog Number	EBT-ELK0997
Supplier Catalog Number	ELK0997
Alternative Catalog Number	EBT-ELK0997-96, EBT-ELK0997-48, EBT-ELK0997-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Sheep
Concentration	200 ng/mL
Range	3.13-200 ng/mL
Sensitivity	1.2 ng/mL
Samples	Serum, plasma and other biological fluids.

Application Notes

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