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## Product Datasheet

### **Rat LOX1(Lectin Like Oxidized Low Density Lipoprotein Receptor 1) Microsample ELISA Kit EBT-ELK5628MS**

Article Name	Rat LOX1(Lectin Like Oxidized Low Density Lipoprotein Receptor 1) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK5628MS
Supplier Catalog Number	ELK5628MS
Alternative Catalog Number	EBT-ELK5628MS-96, EBT-ELK5628MS-48, EBT-ELK5628MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	24.6 pg/mL
UniProt	<a href="#">O70156</a>
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Metabolic pathway, Apoptosis, Endocrinology, Cardiovascular biology, 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 Rat LOX1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat LOX1. 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 Rat LOX1, 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 Rat LOX1 in the samples is then determined by comparing the OD of the samples to the standard curve