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## Product Datasheet

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

Artikelname	Rat LOX1(Lectin Like Oxidized Low Density Lipoprotein Receptor 1) Microsample ELISA Kit
Artikelnummer	EBT-ELK5628MS
Hersteller Artikelnummer	ELK5628MS
Alternativnummer	EBT-ELK5628MS-96, EBT-ELK5628MS-48, EBT-ELK5628MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	4000 pg/mL
Detektionsbereich	62.5-4000 pg/mL
Sensitivitaet	24.6 pg/mL
UniProt	<a href="#">O70156</a>
Proben	Serum, plasma and other biological fluids.

Anwendungsbeschreibung	<p>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</p>
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