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Product Datasheet

EasyStep Mouse APOB100(Apolipoprotein B100) ELISA Kit EBT-ELK103ES

Article Name	EasyStep Mouse APOB100(Apolipoprotein B100) ELISA Kit
Biozol Catalog Number	EBT-ELK103ES
Supplier Catalog Number	ELK103ES
Alternative Catalog Number	EBT-ELK103ES-96, EBT-ELK103ES-48, EBT-ELK103ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 µg/mL
Range	0.16-10 µg/mL
Sensitivity	41 ng/mL
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 1.5h. Research Area: Metabolic pathway, Endocrinology, Cardiovascular biology, Hepatology, Nutrition metabolism,. 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 Mouse APOB100, and the Mouse APOB100 standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells ,then added a HRP-conjugated antibody specific to Mouse APOB100. After TMB substrate solution is added, only those wells that contain Mouse APOB100 and HRP-conjugated antibody 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 Mouse APOB100 in the samples is then determined by comparing the OD of the samples to the standard curve