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Product Datasheet

Cattle APOB100(Apolipoprotein B100) ELISA Kit EBT-ELK11163

Artikelname	Cattle APOB100(Apolipoprotein B100) ELISA Kit
Artikelnummer	EBT-ELK11163
Hersteller Artikelnummer	ELK11163
Alternativnummer	EBT-ELK11163-96, EBT-ELK11163-48, EBT-ELK11163-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	1000 µg/mL
Detektionsbereich	15.63-1000 µg/mL
Sensitivitaet	5.29 µg/mL
Proben	Serum, plasma and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. 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 Cattle APOB100. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle APOB100. 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 Cattle APOB100, 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 Cattle APOB100 in the samples is then determined by comparing the OD of the samples to the standard curve