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Product Datasheet

Cattle COL3(Collagen Type III) ELISA Kit EBT-ELK5907

Artikelname	Cattle COL3(Collagen Type III) ELISA Kit
Artikelnummer	EBT-ELK5907
Hersteller Artikelnummer	ELK5907
Alternativnummer	EBT-ELK5907-96, EBT-ELK5907-48, EBT-ELK5907-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Bovine
Konzentration	30 ng/mL
Detektionsbereich	0.47-30 ng/mL
Sensitivitaet	0.19 ng/mL
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, 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 Cattle COL3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle COL3. 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 COL3, 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 COL3 in the samples is then determined by comparing the OD of the samples to the standard curve