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Product Datasheet

Rat HDL(High Density Lipoprotein) ELISA Kit EBT-ELK11146

Article Name	Rat HDL(High Density Lipoprotein) ELISA Kit
Biozol Catalog Number	EBT-ELK11146
Supplier Catalog Number	ELK11146
Alternative Catalog Number	EBT-ELK11146-96, EBT-ELK11146-48, EBT-ELK11146-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	500 µg/mL
Range	7.82-500 µg/mL
Sensitivity	2.69 µg/mL
Samples	Serum, plasma and other biological fluids.

Application Notes

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 Rat HDL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat HDL. 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 HDL, 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 HDL in the samples is then determined by comparing the OD of the samples to the standard curve