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Product Datasheet

Rat APOA4(Apolipoprotein A4) ELISA Kit EBT-ELK11165

Article Name	Rat APOA4(Apolipoprotein A4) ELISA Kit
Biozol Catalog Number	EBT-ELK11165
Supplier Catalog Number	ELK11165
Alternative Catalog Number	EBT-ELK11165-96, EBT-ELK11165-48, EBT-ELK11165-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	200 µg/mL
Range	3.13-200 µg/mL
Sensitivity	0.89 µg/mL
UniProt	P02651
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Endocrinology, Cardiovascular biology, Hepatology, Gastroenterology, 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 APOA4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat APOA4. 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 APOA4, 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 APOA4 in the samples is then determined by comparing the OD of the samples to the standard curve