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Product Datasheet

Rat SREBP2(Sterol Regulatory Element-binding Protein 2) ELISA Kit EBT-ELK0480

Artikelname	Rat SREBP2(Sterol Regulatory Element-binding Protein 2) ELISA Kit
Artikelnummer	EBT-ELK0480
Hersteller Artikelnummer	ELK0480
Alternativnummer	EBT-ELK0480-96, EBT-ELK0480-48, EBT-ELK0480-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.13 ng/mL
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cardiovascular, Epigenetics and Nuclear Signaling, Cancer, 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 SREBP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat SREBP2. 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 SREBP2, 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 SREBP2 in the samples is then determined by comparing the OD of the samples to the standard curve