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Product Datasheet

Rat IFABP/FABP2(Intestinal Fatty Acid Binding Protein) ELISA Kit EBT-ELK2603

Artikelname	Rat IFABP/FABP2(Intestinal Fatty Acid Binding Protein) ELISA Kit
Artikelnummer	EBT-ELK2603
Hersteller Artikelnummer	ELK2603
Alternativnummer	EBT-ELK2603-96, EBT-ELK2603-48, EBT-ELK2603-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.139 ng/mL
UniProt	P02693
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Tumor immunity, Endocrinology, 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 Rat IFABP/FABP2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IFABP/FABP2. 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 IFABP/FABP2, 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 IFABP/FABP2 in the samples is then determined by comparing the OD of the samples to the standard curve