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Product Datasheet

Human BCAT1(Branched-chain-amino-acid aminotransferase, cytosolic) ELISA Kit EBT-ELK0349

Artikelname	Human BCAT1(Branched-chain-amino-acid aminotransferase, cytosolic) ELISA Kit
Artikelnummer	EBT-ELK0349
Hersteller Artikelnummer	ELK0349
Alternativnummer	EBT-ELK0349-96, EBT-ELK0349-48, EBT-ELK0349-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.051 ng/mL
UniProt	P54687
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Metabolic pathway. 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 Human BCAT1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human BCAT1. 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 Human BCAT1, 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 Human BCAT1 in the samples is then determined by comparing the OD of the samples to the standard curve
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