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Product Datasheet

Rat CA2(Carbonic Anhydrase II) ELISA Kit EBT-ELK5558

Artikelname	Rat CA2(Carbonic Anhydrase II) ELISA Kit
Artikelnummer	EBT-ELK5558
Hersteller Artikelnummer	ELK5558
Alternativnummer	EBT-ELK5558-96, EBT-ELK5558-48, EBT-ELK5558-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.136 ng/mL
UniProt	P27139
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Tumor immunity, Bone 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 CA2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CA2. 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 CA2, 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 CA2 in the samples is then determined by comparing the OD of the samples to the standard curve