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Product Datasheet

Car(Carnosine) ELISA Kit EBT-ELK8086

Artikelname	Car(Carnosine) ELISA Kit
Artikelnummer	EBT-ELK8086
Hersteller Artikelnummer	ELK8086
Alternativnummer	EBT-ELK8086-96,EBT-ELK8086-48,EBT-ELK8086-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	All
Konzentration	900 ng/mL
Detektionsbereich	14.07-900 ng/mL
Sensitivitaet	3.65 ng/mL
Proben	Serum, plasma, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Endocrinology, Hormone metabolism, Bone metabolism.. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Car. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Car. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Car in the samples is then determined by comparing the OD of the samples to the standard curve