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Product Datasheet

Human S100A14(S100 Calcium Binding Protein A14) Microsample ELISA Kit EBT-ELK3425MS

Artikelname	Human S100A14(S100 Calcium Binding Protein A14) Microsample ELISA Kit
Artikelnummer	EBT-ELK3425MS
Hersteller Artikelnummer	ELK3425MS
Alternativnummer	EBT-ELK3425MS-96, EBT-ELK3425MS-48, EBT-ELK3425MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	20 ng/mL
Detektionsbereich	0.32-20 ng/mL
Sensitivitaet	0.11 ng/mL
UniProt	Q9HCY8
Proben	Tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: 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 S100A14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human S100A14. 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 S100A14, 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 S100A14 in the samples is then determined by comparing the OD of the samples to the standard curve