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Product Datasheet

Human IgE(Immunoglobulin E) Microsample ELISA Kit EBT-ELK2352MS

Artikelname	Human IgE(Immunoglobulin E) Microsample ELISA Kit
Artikelnummer	EBT-ELK2352MS
Hersteller Artikelnummer	ELK2352MS
Alternativnummer	EBT-ELK2352MS-96, EBT-ELK2352MS-48, EBT-ELK2352MS-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Human
Konzentration	100 µg/mL
Detektionsbereich	1.57-100 µg/mL
Sensitivitaet	0.65 µg/mL
UniProt	P01854
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Immune molecule, Hematology, Autoimmunity, . 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 IgE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IgE. 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 IgE, 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 \pm 10nm. The concentration of Human IgE in the samples is then determined by comparing the OD of the samples to the standard curve