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Product Datasheet

Guinea pig IgE(Immunoglobulin E) ELISA Kit EBT-ELK0421

Artikelname	Guinea pig IgE(Immunoglobulin E) ELISA Kit
Artikelnummer	EBT-ELK0421
Hersteller Artikelnummer	ELK0421
Alternativnummer	EBT-ELK0421-96, EBT-ELK0421-48, EBT-ELK0421-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Guinea pig
Konzentration	6000 ng/mL
Detektionsbereich	93.75-6000 ng/mL
Sensitivitaet	31.7 ng/mL
Proben	Serum, plasma 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 Guinea pig IgE. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig 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 Guinea pig 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 10nm. The concentration of Guinea pig IgE in the samples is then determined by comparing the OD of the samples to the standard curve