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Product Datasheet

Guinea pig C3(Complement Component 3) ELISA Kit EBT-ELK10143

Artikelname	Guinea pig C3(Complement Component 3) ELISA Kit
Artikelnummer	EBT-ELK10143
Hersteller Artikelnummer	ELK10143
Alternativnummer	EBT-ELK10143-96, EBT-ELK10143-48, EBT-ELK10143-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Guinea pig
Konzentration	500 µg/mL
Detektionsbereich	7.81-500 µg/mL
Sensitivitaet	2.2 µg/mL
Proben	Serum, plasma and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Infection immunity, Immune molecule,. 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 C3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig C3. 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 C3, 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 C3 in the samples is then determined by comparing the OD of the samples to the standard curve