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Product Datasheet

Rat C5(Complement Component 5) ELISA Kit EBT-ELK10678

Artikelname	Rat C5(Complement Component 5) ELISA Kit
Artikelnummer	EBT-ELK10678
Hersteller Artikelnummer	ELK10678
Alternativnummer	EBT-ELK10678-96, EBT-ELK10678-96X5, EBT-ELK10678-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 µg/mL
Detektionsbereich	0.16-10 µg/mL
Sensitivitaet	0.068 µg/mL
UniProt	P08650
Proben	Serum, plasma and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, 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 Rat C5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat C5. 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 Rat C5, 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 Rat C5 in the samples is then determined by comparing the OD of the samples to the standard curve