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Product Datasheet

Mouse IgG4(Immunoglobulin G4) ELISA Kit EBT-ELK0447

Artikelname	Mouse IgG4(Immunoglobulin G4) ELISA Kit
Artikelnummer	EBT-ELK0447
Hersteller Artikelnummer	ELK0447
Alternativnummer	EBT-ELK0447-96, EBT-ELK0447-48, EBT-ELK0447-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Mouse
Konzentration	500 ng/mL
Detektionsbereich	7.82-500 ng/mL
Sensitivitaet	3.2 ng/mL
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,. 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 Mouse IgG4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse IgG4. 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 Mouse IgG4, 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 Mouse IgG4 in the samples is then determined by comparing the OD of the samples to the standard curve