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## Product Datasheet

### Guinea pig IgG1(Immunoglobulin G1) ELISA Kit EBT-ELK10028

Artikelname	Guinea pig IgG1(Immunoglobulin G1) ELISA Kit
Artikelnummer	EBT-ELK10028
Hersteller Artikelnummer	ELK10028
Alternativnummer	EBT-ELK10028-96, EBT-ELK10028-96X5, EBT-ELK10028-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Guinea pig
Konzentration	400 µg/mL
Detektionsbereich	6.25-400 µg/mL
Sensitivitaet	2.1 µg/mL
Proben	Serum, plasma and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: 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 IgG1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig IgG1. 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 IgG1, 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 IgG1 in the samples is then determined by comparing the OD of the samples to the standard curve