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Product Datasheet

EasyStep Human IgG(Immunoglobulin G) ELISA Kit EBT-ELK095ES

Article Name	EasyStep Human IgG(Immunoglobulin G) ELISA Kit
Biozol Catalog Number	EBT-ELK095ES
Supplier Catalog Number	ELK095ES
Alternative Catalog Number	EBT-ELK095ES-96, EBT-ELK095ES-48, EBT-ELK095ES-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	200 ng/mL
Range	3.125-200 ng/mL
Sensitivity	1.913 ng/mL
Samples	Serum, plasma

Application Notes

Assay Type: Sandwich. Assay length: 1.5h. Research Area: Infection immunity, Immune molecule, Hematology,. 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 Human IgG, and the Human IgG standard plate wells that pre-coated using protein-related techniques are provided separately. Standard/Sample Diluent Buffer or samples are added to the appropriate microtiter plate wells, then added a HRP-conjugated antibody specific to Human IgG. After TMB substrate solution is added, only those wells that contain Human IgG and HRP-conjugated antibody 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 Human IgG in the samples is then determined by comparing the OD of the samples to the standard curve