

Mouse IgG1 (Immunoglobulin G1) ELISA kit

This kit applies competitive inhibition ELISA method for the quantitative detection of IgG1 (Immunoglobulin G1) in mouse samples. The microtiter plate provided in this kit has been pre-coated with Mouse IgG1 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse IgG1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 \pm 10nm. The concentration of Mouse IgG1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3022864
Size	96-Wells
Product Category	ELISA (Quantitative)
Reactivity	Mouse
Sample	Serum; Plasma; Other Biological Fluids
Assay Method	Competitive Inhibition ELISA
Assay Duration	2 hours
Sensitivity	259.3 ng/mL
Standard Curve Range	781.25-50000 ng/mL
Storage/Stability	-20°C/1 year; 4°C/6 months