

## Guinea Pig IgG2 (Immunoglobulin G2) ELISA kit

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This kit applies competitive inhibition ELISA method for the quantitative detection of IgG2 (Immunoglobulin G2) in guinea pig samples. The microtiter plate provided in this kit has been pre-coated with Guinea pig IgG2 protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig IgG2. 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 Guinea pig IgG2 in the samples is then determined by comparing the OD of the samples to the standard curve.

Catalog No.	3195991
Size	96-Wells
Product Category	ELISA (Quantitative)
Reactivity	Guinea pig
Sample	Serum; Plasma; Other Biological Fluids
Assay Method	Competitive Inhibition ELISA
Assay Duration	2 hours
Sensitivity	124.5 ng/mL
Standard Curve Range	390.63-25000 ng/mL
Storage/Stability	-20°C/1 year; 4°C/6 months