

Product Datasheet

Guinea pig Immunoglobulin M (IgM) ELISA Kit (orb2668162)

Catalog Number	orb2668162
Category	Assays and Kits
Description	Guinea pig Immunoglobulin M (IgM) ELISA Kit
Application notes	standard: 200 µg/mL. 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 IgM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea Pig IgM. 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 IgM, 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 IgM in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h
Range	3.13-200 µg/mL
Sensitivity	1.35 µg/mL
Sample Types	serum, plasma and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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