

Product Datasheet

Chicken Immunoglobulin M (IgM) ELISA Kit (orb775184)

Catalog Number	orb775184
Category	Assays and Kits
Description	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 Immunoglobulin M(IgM).
Reactivity	Gallus
Concentration	1000 ng/mL
UniProt ID	P01875
Tested applications	ELISA
Application notes	standard: 100 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 Chicken IgM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken 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 Chicken 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 Chicken 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

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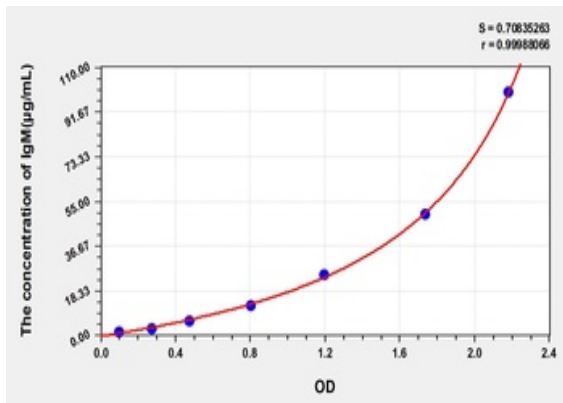
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Range	1.57-100 µg/mL
Sensitivity	0.71 ug/mL
Sample Types	serum, plasma, and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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