

Product Datasheet

Pig Immunoglobulin M (IgM) ELISA Kit (orb781450)

Catalog Number	orb781450
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	Porcine
Concentration	2000 ng/mL
Tested applications	ELISA
Application notes	standard: 2000 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 Pig IgM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to 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 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 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	31.25-2000 µg/mL
Sensitivity	14.3 ug/mL

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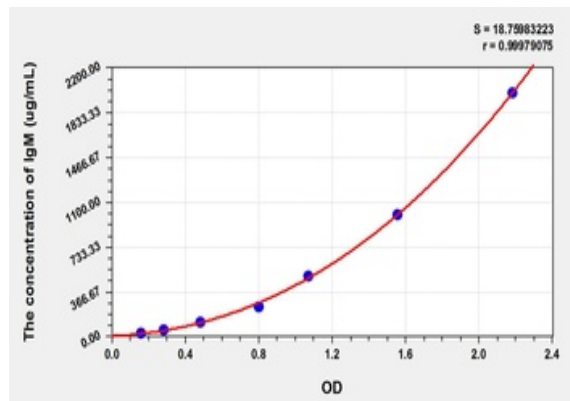
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Sample Types

Serum, plasma and other biological fluids

Note

For research use only

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