

Product Datasheet

Rat Secretory Immunoglobulin A (sIgA) ELISA Kit (orb775412)

Catalog Number	orb775412
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 Secretory Immunoglobulin A(sIgA).
Reactivity	Rat
Concentration	10 µg/mL
Tested applications	ELISA
Application notes	standard: 10 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 Rat sIgA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat sIgA. 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 Rat sIgA, 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 Rat sIgA 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	0.16-10 µg/mL

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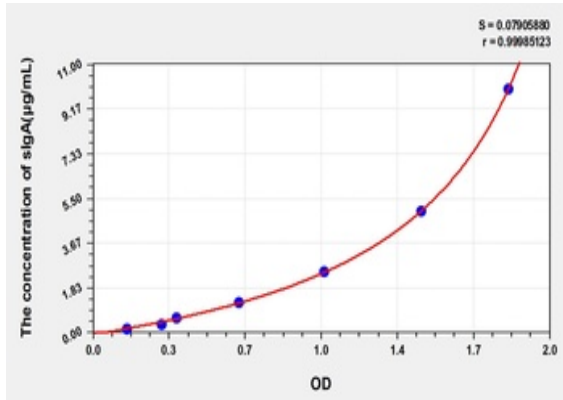
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Sensitivity	0.072 ug/mL
Sample Types	Serum, plasma, saliva and other biological fluids
Note	For research use only
Expiration Date	Please enquire.

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