

Product Datasheet

Rat Interferon Regulatory Factor 7 (IRF7) ELISA Kit (orb1173615)

Catalog Number	orb1173615
Category	Assays and Kits
Description	<p>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 Interferon Regulatory Factor 7(IRF7). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Interferon Regulatory Factor 7(IRF7). 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 Interferon Regulatory Factor 7(IRF7), 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 \pm 10nm. The concentration of Interferon Regulatory Factor 7(IRF7) in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Rat
Concentration	10 ng/mL
Tested applications	ELISA

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Application notes

standard: 10 ng/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 IRF7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IRF7. 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 IRF7, 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 IRF7 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 ng/mL

Sensitivity

0.049 ng/mL

Sample Types

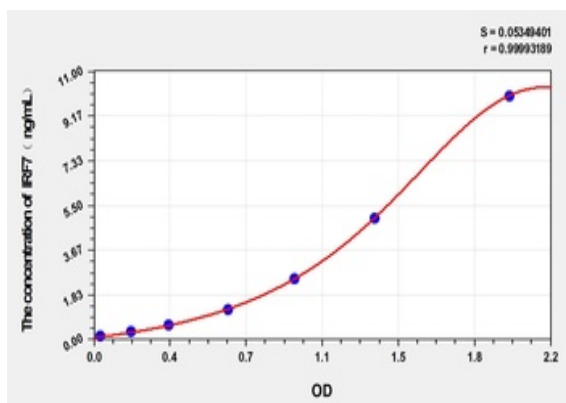
Tissue homogenates and other biological fluids.

Note

For research use only

Expiration Date

Please enquire.



Standard curve for orb1173615 ELISA kit.

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