

Product Datasheet

Sheep Caspase 9 (CASP9) ELISA Kit (orb1088129)

Catalog Number orb1088129

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 Caspase 9(CASP9). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Caspase 9(CASP9). 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 Caspase 9(CASP9), 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 Caspase 9(CASP9) in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Sheep

Concentration 20 ng/mL

Application notes standard: 20 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 Sheep CASP9. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Sheep CASP9. 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 Sheep CASP9, 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 Sheep CASP9 in the samples is then determined by comparing the OD of the samples to the standard curve

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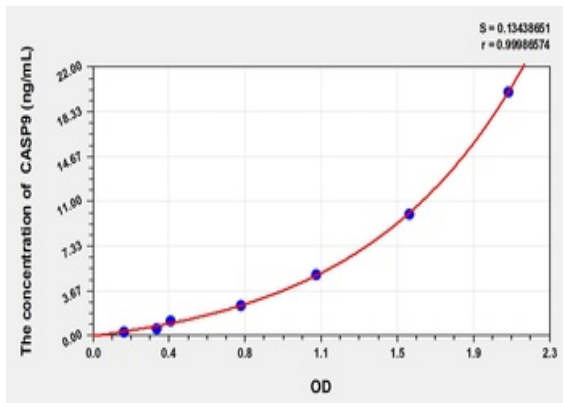
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Assay Type	Sandwich
Assay Time	3.5h
Range	0.32-20 ng/mL
Sensitivity	0.117 ng/mL
Sample Types	Tissue homogenates, cell lysates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.

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