

Product Datasheet

Rat Desmin (Des) ELISA Kit (orb776519)

Catalog Number	orb776519
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 Desmin(Des).
Reactivity	Rat
Concentration	150 ng/mL
UniProt ID	P48675
Tested applications	ELISA
Application notes	standard: 150 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 Des. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat Des. 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 Des, 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 Rat Des 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	2.35-150 ng/mL

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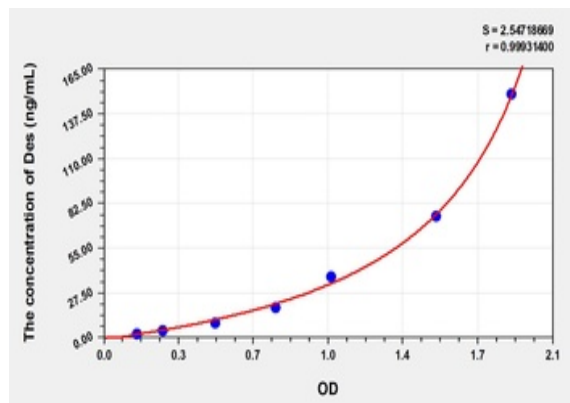
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Sensitivity	0.9 ng/mL
Sample Types	Serum, plasma, tissue homogenates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb776519 ELISA kit.

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