

Product Datasheet

Mouse Transient Receptor Potential Cation Channel Subfamily V, Member 1 (TRPV1) ELISA Kit (orb780216)

Catalog Number	orb780216
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 Transient Receptor Potential Cation Channel Subfamily V, Member 1 (TRPV1).
Reactivity	Mouse
Concentration	10 ng/mL
UniProt ID	Q704Y3
Tested applications	ELISA
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 Mouse TRPV1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TRPV1. 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 Mouse TRPV1, 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 Mouse TRPV1 in the samples is then determined by comparing the OD of the samples to the standard curve

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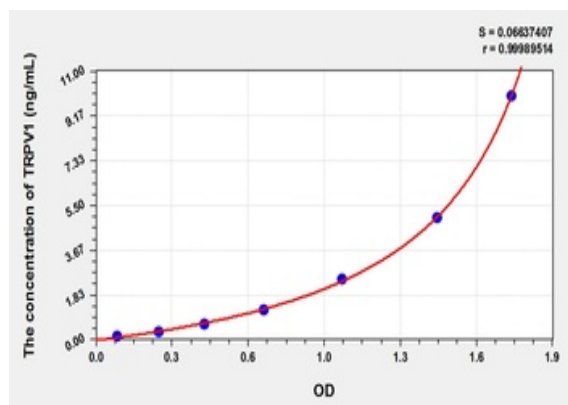
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Assay Type	Sandwich
Assay Time	3.5h
Range	0.16-10 ng/mL
Sensitivity	0.056 ng/mL
Sample Types	Tissue homogenates, cell lysates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb780216 ELISA kit.

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