

Product Datasheet

Mouse Thiobarbituric Acid Reactive Substance (TBARS) ELISA Kit (orb1291290)

Catalog Number	orb1291290
Category	Assays and Kits
Description	Mouse TBARS (Thiobarbituric Acid Reactive Substance) ELISA Kit
Reactivity	Mouse
Concentration	400 nmol/mL
Tested applications	ELISA
Application notes	<p>standard: 400 nmol/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Mouse TBARS protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse TBARS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 TBARS in the samples is then determined by comparing the OD of the samples to the standard curve</p>
Assay Type	Competitive
Assay Time	2h
Range	6.25-400 nmol/mL
Sensitivity	3.4 nmol/mL
Sample Types	Serum, plasma, cell lysates, cell culture supernates and other biological fluids

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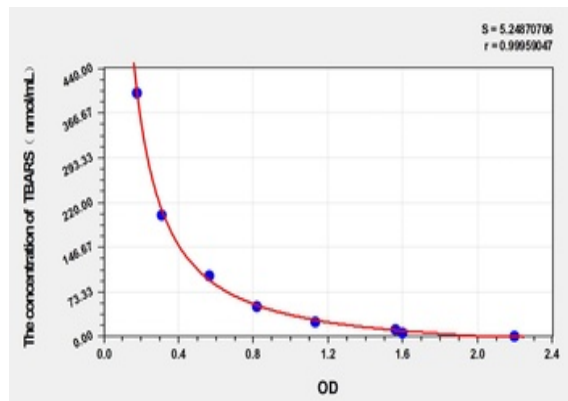
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Note For research use only

Expiration Date 6 months from date of receipt.

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