

Product Datasheet

Mouse Ataxia Telangiectasia Mutated (ATM) ELISA Kit (orb778370)

Catalog Number	orb778370
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 Ataxia Telangiectasia Mutated(ATM).
Reactivity	Mouse
Concentration	1000 pg/mL
UniProt ID	Q62388
Tested applications	ELISA
Application notes	standard: 1000 pg/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 ATM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ATM. 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 ATM, 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 Mouse ATM in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h

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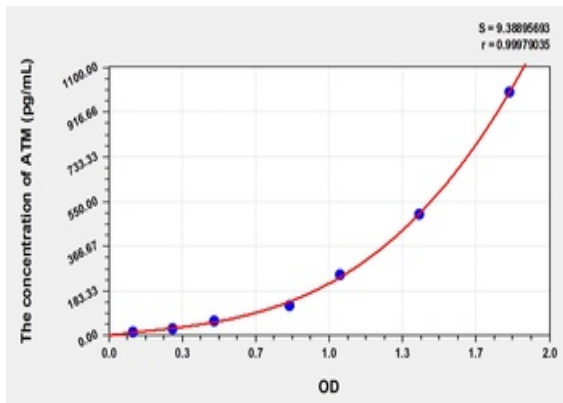
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Range	15.63-1000 pg/mL
Sensitivity	6.2 pg/mL
Sample Types	Serum, plasma, tissue homogenates, cell lysates and other biological fluids.
Note	For research use only
Expiration Date	Please enquire.

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