

Mouse ATM ELISA Kit | ATM elisa kit

Mouse ATM (Ataxia Telangiectasia Mutated) ELISA Kit

CATALOG #
AAA163584

REACTIVITY
Mouse

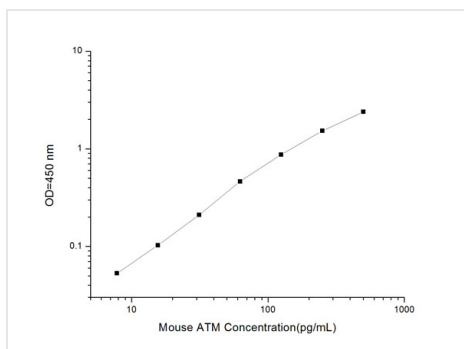
PRODUCT SYNONYMS

ATM; Mouse ATM (Ataxia Telangiectasia Mutated) ELISA Kit; ATM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse ATM. No significant cross-reactivity or interference between Mouse ATM and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse ATM and all the analogues, therefore, cross reaction may still exist.
Sequence Length	3056
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	7.813-500pg/mL
Sensitivity	Min: 4.688pg/mL; Max: 500pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATM elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ATM in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse ATM. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse ATM and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse ATM, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse ATM. You can calculate the concentration of Mouse ATM in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2304971
NCBI GeneID	472
UniProt Accession #	Q13315; O15429; Q12758; Q16551; Q93007; Q9NP02; Q9UCX7; B2RNX5
Molecular Weight	350,687 Da
NCBI Official Full Name	ATM
NCBI Official Synonym Full Names	ATM serine/threonine kinase
NCBI Official Symbol	ATM
NCBI Official Synonym Symbols	AT1; ATA; ATC; ATD; ATE; ATDC; TEL1; TELO1
NCBI Protein Information	serine-protein kinase ATM; A-T mutated; AT mutated; TEL1, telomere maintenance 1, homolog; ataxia telangiectasia mutated
UniProt Protein Name	Serine-protein kinase ATM
UniProt Gene Name	ATM
UniProt Synonym Gene Names	A-T mutated
UniProt Entry Name	ATM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.