

Mouse Ataxia Telangiectasia Mutated (ATM) RTU ELISA Kit | ATM rtu elisa kit

Mouse Ataxia Telangiectasia Mutated (ATM) ELISA Kit

CATALOG #
AAA69253

REACTIVITY
Mouse

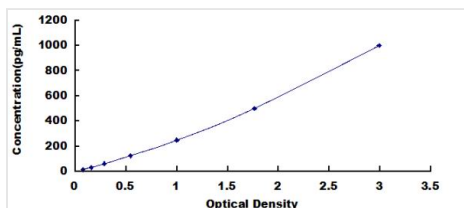
PRODUCT SYNONYMS

Ataxia Telangiectasia Mutated (ATM); Mouse Ataxia Telangiectasia Mutated (ATM) ELISA Kit; AT1; ATD; ATA; ATC; ATDC; ATE; TEL1; TELO1; Serine-protein kinase ATM; ATM rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	3066
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	15.6-1000pg/mL
Sensitivity	5.6pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATM rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ATM. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 $\pm$ 10nm. The concentration of ATM in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	163838660
NCBI GeneID	11920
NCBI Accession #	NP_031525.2
NCBI GenBank Nucleotide #	NM_007499.2
UniProt Accession #	Q62388; E9QNY7
Molecular Weight	349,418 Da
NCBI Official Full Name	serine-protein kinase ATM
NCBI Official Synonym Full Names	ataxia telangiectasia mutated
NCBI Official Symbol	Atm
NCBI Official Synonym Symbols	AI256621; C030026E19Rik
NCBI Protein Information	serine-protein kinase ATM
UniProt Protein Name	Serine-protein kinase ATM
UniProt Gene Name	Atm
UniProt Synonym Gene Names	A-T mutated homolog

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-rtu-elisa-kits/ataxia-telangiectasia-mutated-atm/69253>