

General Ca²⁺/Mg²⁺ ATPase Assay Kit | ATP2B1 assay kit

Ca²⁺/Mg²⁺ ATPase Microplate Assay Kit

CATALOG # AAA27824	REACTIVITY General	APPLICATIONS Functional Assay
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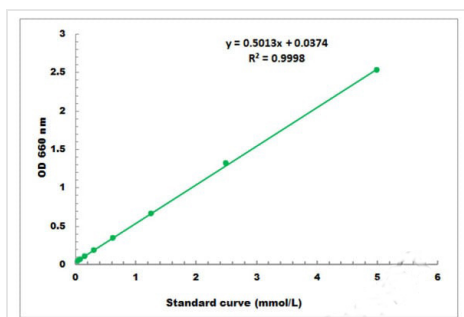
PRODUCT SYNONYMS

Ca²⁺/Mg²⁺ ATPase; Ca²⁺/Mg²⁺ ATPase Microplate Assay Kit; EC 3.6.1.3; adenylypyrophosphatase; ATP monophosphatase; triphosphatase; ATPase (ambiguous); SV40 T-antigen; adenosine 5'-triphosphatase; ATP hydrolase; ATPase; complex V (mitochondrial electron transport); (Ca²⁺ + Mg²⁺)-ATPase; HCO₃⁻-ATPase; adenosine triphosphatase; ATP2B1 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	1220
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.01 umol/ml - 5 umol/ml
Applicable Applications for ATP2B1 assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATP2B1 assay kit	Background: Ca ²⁺ /Mg ²⁺ ATPase is widely distributed in plants, animals, microbes and cells, can catalyze the hydrolysis of ATP, ADP and inorganic phosphate. Ca ²⁺ /Mg ²⁺ ATPase breaks down ATP to generate ADP and inorganic phosphate, ATP activity is determined by measuring the amount of inorganic phosphorus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1675
NCBI GeneID	100009543
UniProt Accession #	Q00804
Molecular Weight	134,651 Da

NCBI Official Full Name	Ca ²⁺ /Mg ²⁺ ATPase
NCBI Official Symbol	ATP2B1
NCBI Official Synonym Symbols	PMCA1
NCBI Protein Information	plasma membrane calcium-transporting ATPase 1
UniProt Protein Name	Plasma membrane calcium-transporting ATPase 1
UniProt Gene Name	ATP2B1
UniProt Synonym Gene Names	PMCA1; PMCA1
UniProt Entry Name	AT2B1_RABIT

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.

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 Online datasheet: <https://www.aaabiotech.com/general-assay-kits/ca2-mg2-atpase/27824>