

Rat ATPase, Na⁺/K⁺ Transporting Beta 1 Polypeptide (ATP1b1) RTU ELISA Kit | ATP1b1 rtu elisa kit

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CATALOG # AAA69260	REACTIVITY Rat
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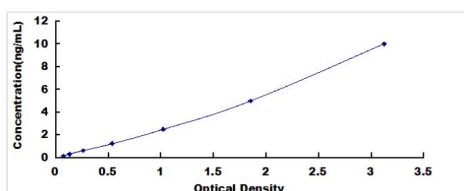
PRODUCT SYNONYMS

ATPase; Na⁺/K⁺ Transporting Beta 1 Polypeptide (ATP1b1); Rat ATPase; Na⁺/K⁺ Transporting Beta 1 Polypeptide (ATP1b1) ELISA Kit; ATP1B; Sodium/potassium-dependent ATPase subunit beta-1; ATP1b1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	304
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/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 ATP1b1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ATP1b1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ATP1b1. 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 ATP1b1, 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 ATP1b1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148747253
NCBI GeneID	25650
NCBI Accession #	NP_037245.2
NCBI GenBank Nucleotide #	NM_013113.2
UniProt Accession #	P07340; Q63062
Molecular Weight	35,202 Da
NCBI Official Full Name	sodium/potassium-transporting ATPase subunit beta-1
NCBI Official Synonym Full Names	ATPase Na+/K+ transporting subunit beta 1
NCBI Official Symbol	Atp1b1
NCBI Official Synonym Symbols	ATPBS
NCBI Protein Information	sodium/potassium-transporting ATPase subunit beta-1
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit beta-1
UniProt Gene Name	Atp1b1

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/rat-rtu-elisa-kits/atpase-na-k-transporting-beta-1-polypeptide-atp1b1/69260>