

Mouse ATPase, H+/K+ Exchanging Alpha Polypeptide (ATP4a) RTU ELISA Kit | ATP4a rtu elisa kit

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CATALOG #
AAA69272

REACTIVITY
Mouse

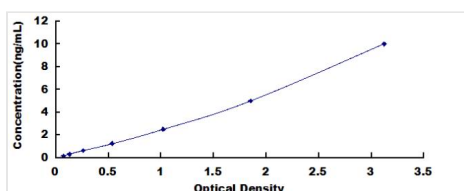
PRODUCT SYNONYMS

ATPase; H+/K+ Exchanging Alpha Polypeptide (ATP4a); Mouse ATPase; H+/K+ Exchanging Alpha Polypeptide (ATP4a) ELISA Kit; Gastric H; K-ATPase Alpha Subunit; H(+)-K(+)-ATPase Alpha Subunit; Proton Pump; Potassium-transporting ATPase alpha chain 1; ATP4a rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	1034
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/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 ATP4a rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ATP4a. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ATP4a. 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 ATP4a, 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 ATP4a in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	594591603
NCBI GeneID	11944
NCBI Accession #	NP_001277556.1
NCBI GenBank Nucleotide #	NM_001290627.1
UniProt Accession #	E9QNX7; Q64436
Molecular Weight	114,065 Da
NCBI Official Full Name	potassium-transporting ATPase alpha chain 1 isoform 1
NCBI Official Synonym Full Names	ATPase, H+/K+ exchanging, gastric, alpha polypeptide
NCBI Official Symbol	Atp4a
NCBI Protein Information	potassium-transporting ATPase alpha chain 1
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit alpha
UniProt Gene Name	Atp4a

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/atpase-h-k-exchanging-alpha-polypeptide-atp4a/69272>