

Human Sodium/potassium-transporting ATPase subunit alpha-3 ELISA Kit | ATP1A3 elisa kit

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CATALOG #
AAA194974

REACTIVITY
Human

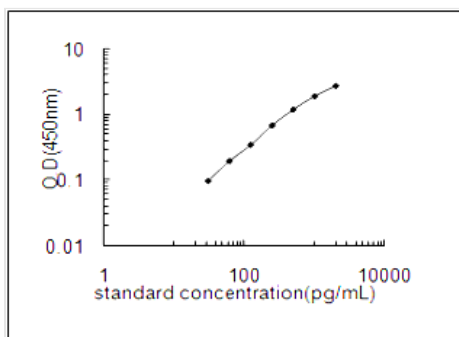
PRODUCT SYNONYMS

Sodium/potassium-transporting ATPase subunit alpha-3; Human Sodium/potassium-transporting ATPase subunit alpha-3 ELISA Kit; Na(+)/K(+) ATPase alpha-3 subunit; Na(+)/K(+) ATPase alpha(III) subunit; Sodium pump subunit alpha-3; ATP1A3; 3.6.3.9; ATP1A3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural humanNa(+)/K(+) ATPase alpha-3 subunit. No significant cross-reactivity or interference was observed.
Sequence Length	1024
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Intra-Assay CV	<=5.8%
Inter-Assay CV	<=9.9%
Recovery	94%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATP1A3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	371940938
NCBI GeneID	478
NCBI Accession #	NP_001243142.1
NCBI GenBank Nucleotide #	NM_001256213.1
UniProt Accession #	P13637; Q16732; Q16735; Q969K5; B7Z2T0; B7Z401; F5H6J6
Molecular Weight	113,059 Da
NCBI Official Full Name	sodium/potassium-transporting ATPase subunit alpha-3 isoform 2
NCBI Official Synonym Full Names	ATPase Na+/K+ transporting subunit alpha 3
NCBI Official Symbol	ATP1A3
NCBI Official Synonym Symbols	RDP; AHC2; CAPOS; DYT12
NCBI Protein Information	sodium/potassium-transporting ATPase subunit alpha-3
UniProt Protein Name	Sodium/potassium-transporting ATPase subunit alpha-3
UniProt Gene Name	ATP1A3
UniProt Synonym Gene Names	Na(+)/K(+) ATPase alpha-3 subunit
UniProt Entry Name	AT1A3_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.

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Online datasheet: <https://stage.aaabiotech.com/atp1a3-human-elisa-kits/sodium-potassium-transporting-atpase-subunit-alpha-3/194974>