

Human V-type proton ATPase catalytic subunit A ELISA Kit | ATP6V1A elisa kit

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CATALOG #
AAA191483

REACTIVITY
Human

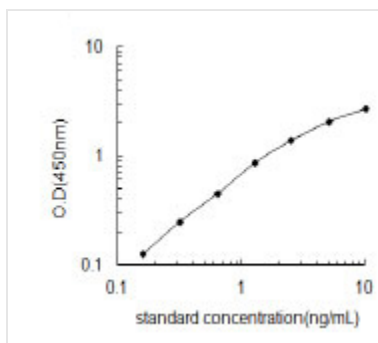
PRODUCT SYNONYMS

V-type proton ATPase catalytic subunit A; Human V-type proton ATPase catalytic subunit A ELISA Kit; V-ATPase subunit A; V-ATPase 69 kDa subunit; Vacuolar ATPase isoform VA68; Vacuolar proton pump subunit alpha; ATP6V1A; ATP6A1; ATP6V1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human V-type proton ATPase catalytic subunit A
Sequence Length	617
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Intra-assay Precision	Intra-Assay CV: <=4.7%
Inter-assay Precision	Inter-Assay CV: <=9.6%
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 ATP6V1A elisa kit

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.

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19913424
NCBI GeneID	523
NCBI Accession #	NP_001681.2
NCBI GenBank Nucleotide #	NM_001690.3
UniProt Accession #	P38606; Q53YD9; Q96DY6; Q9UHY3; B2RBR8; B7Z1R5; D3DN75
Molecular Weight	64,736 Da
NCBI Official Full Name	V-type proton ATPase catalytic subunit A
NCBI Official Synonym Full Names	ATPase H+ transporting V1 subunit A
NCBI Official Symbol	ATP6V1A
NCBI Official Synonym Symbols	HO68; VA68; VPP2; Vma1; ATP6A1; ATP6V1A1
NCBI Protein Information	V-type proton ATPase catalytic subunit A
UniProt Protein Name	V-type proton ATPase catalytic subunit A
UniProt Gene Name	ATP6V1A
UniProt Synonym Gene Names	ATP6A1; ATP6V1A1; VPP2; V-ATPase subunit A
UniProt Entry Name	VATA_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/atp6v1a-human-elisa-kits/v-type-proton-atpase-catalytic-subunit-a/191483>