Human Calcium-Transporting ATPase Type 2C Member 1 (ATP2C1) RTU ELISA Kit | ATP2C1 rtu elisa kit

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CATALOG #	REACTIVITY
AAA69270	**Human**

PRODUCT SYNONYMS

Calcium-Transporting ATPase Type 2C Member 1 (ATP2C1); Human Calcium-Transporting ATPase Type 2C Member 1 (ATP2C1) ELISA Kit; ATPase 2C1; ATP-dependent Ca(2+) pump PMR1; HUSSY-28; ATP2C1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	888
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.077ng/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 ATP2C1 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ATP2C1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ATP2C1. 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 ATP2C1, 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 ATP2C1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	48762687

NCBI GeneID	27032
NCBI Accession #	NP_001001485.1
NCBI GenBank Nucleotide #	NM_001001485.2
UniProt Accession #	P98194; O76005; Q86V72; Q86V73; Q8N6V1; Q8NCJ7; B2RAT7; B4DSW3; B7Z3X9; G3XAH8; G8JLN9
Molecular Weight	104,032 Da
NCBI Official Full Name	calcium-transporting ATPase type 2C member 1 isoform 1c
NCBI Official Synonym Full Names	ATPase secretory pathway Ca2+ transporting 1
NCBI Official Symbol	ATP2C1
NCBI Official Synonym Symbols	HHD; BCPM; PMR1; SPCA1; hSPCA1; ATP2C1A
NCBI Protein Information	calcium-transporting ATPase type 2C member 1
UniProt Protein Name	Calcium-transporting ATPase type 2C member 1
UniProt Gene Name	**ATP2C1**
UniProt Synonym Gene Names	KIAA1347; PMR1L; ATPase 2C1

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/human-rtu-elisa-kits/calcium-transporting-atpase-type-2c-member-1-atp2c1/69270