

Human ATPase, Ca⁺⁺ Transporting, Cardiac Muscle, Slow Twitch 2 (ATP2A2) RTU ELISA Kit | ATP2A2 rtu elisa kit

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CATALOG # AAA69266	REACTIVITY Human
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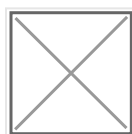
PRODUCT SYNONYMS

ATPase; Ca⁺⁺ Transporting; Cardiac Muscle; Slow Twitch 2 (ATP2A2); Human ATPase; Slow Twitch 2 (ATP2A2) ELISA Kit; ATP2B; DAR; SERCA2; Calcium pump 2; Endoplasmic reticulum class 1/2 Ca(2+) ATPase; Calcium-transporting ATPase sarcoplasmic reticulum type; slow twitch skeletal muscle; ATP2A2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	997
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.126ng/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 ATP2A2 rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ATP2A2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ATP2A2. 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 ATP2A2, 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 ATP2A2 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 #	4502285
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NCBI GeneID	488
NCBI Accession #	NP_001672.1
NCBI GenBank Nucleotide #	NM_001681.3
UniProt Accession #	P16615; P16614; Q86VJ2; A6NDN7; B4DF05
Molecular Weight	109,734 Da
NCBI Official Full Name	sarcoplasmic/endoplasmic reticulum calcium ATPase 2 isoform a
NCBI Official Synonym Full Names	ATPase sarcoplasmic/endoplasmic reticulum Ca ²⁺ transporting 2
NCBI Official Symbol	ATP2A2
NCBI Official Synonym Symbols	DD; DAR; ATP2B; SERCA2
NCBI Protein Information	sarcoplasmic/endoplasmic reticulum calcium ATPase 2
UniProt Protein Name	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2
UniProt Gene Name	ATP2A2
UniProt Synonym Gene Names	ATP2B; SERCA2; SR Ca(2+)-ATPase 2

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/atpase-ca-transporting-cardiac-muscle-slow-twitch-2-atp2a2/69266>