

# Human Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 ELISA Kit | ATP2A1 elisa kit

Human Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 ELISA Kit

|                               |                            |
|-------------------------------|----------------------------|
| CATALOG #<br><b>AAA194630</b> | REACTIVITY<br><b>Human</b> |
|-------------------------------|----------------------------|

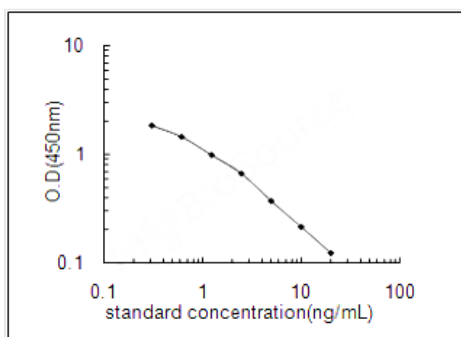
## PRODUCT SYNONYMS

Sarcoplasmic/endoplasmic reticulum calcium ATPase 1; Human Sarcoplasmic/endoplasmic reticulum calcium ATPase 1 ELISA Kit; SERCA1; SR Ca(2+)-ATPase 1; Calcium pump 1; Calcium-transporting ATPase sarcoplasmic reticulum type; fast twitch skeletal muscle; ATP2A1 elisa kit

## PRODUCT SPECIFICATIONS

|                         |                                                                     |
|-------------------------|---------------------------------------------------------------------|
| Reactivity              | Human                                                               |
| Sequence Length         | 869                                                                 |
| Assay Type              | Competitive                                                         |
| Detection Range         | 0.312-20 ng/mL                                                      |
| Sensitivity             | 0.156 ng/mL                                                         |
| Intra-Assay CV          | <=5.9%                                                              |
| Inter-Assay CV          | <=7.2%                                                              |
| Recovery                | 95%                                                                 |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C. |

## IMAGES



Standard Curve (Sample)

## NCBI AND UNIPROT INFORMATION

|                           |                                |
|---------------------------|--------------------------------|
| NCBI GI #                 | 554506571                      |
| NCBI GeneID               | 487                            |
| NCBI Accession #          | NP_001273004.1                 |
| NCBI GenBank Nucleotide # | NM_001286075.1                 |
| UniProt Accession #       | O14983; O14984; A8K5J9; B3KY17 |

|                                  |                                                               |
|----------------------------------|---------------------------------------------------------------|
| Molecular Weight                 | 95,199 Da                                                     |
| NCBI Official Full Name          | sarcoplasmic/endoplasmic reticulum calcium ATPase 1 isoform c |
| NCBI Official Synonym Full Names | ATPase sarcoplasmic/endoplasmic reticulum Ca2+ transporting 1 |
| NCBI Official Symbol             | ATP2A1                                                        |
| NCBI Official Synonym Symbols    | ATP2A; SERCA1                                                 |
| NCBI Protein Information         | sarcoplasmic/endoplasmic reticulum calcium ATPase 1           |
| UniProt Protein Name             | Sarcoplasmic/endoplasmic reticulum calcium ATPase 1           |
| UniProt Gene Name                | <b>ATP2A1</b>                                                 |
| UniProt Synonym Gene Names       | SERCA1; SR Ca(2+)-ATPase 1                                    |
| UniProt Entry Name               | AT2A1_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/atp2a1-human-elisa-kits/sarcoplasmic-endoplasmic-reticulum-calcium-atpase-1/194630>