

Human ADP/ATP translocase 2 ELISA Kit | SLC25A5 elisa kit

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CATALOG #
AAA101965

REACTIVITY
Human

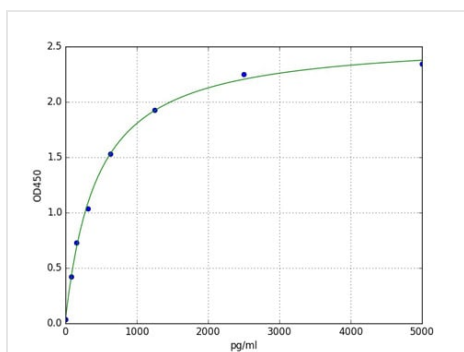
PRODUCT SYNONYMS

ADP/ATP translocase 2; Human ADP/ATP translocase 2 ELISA Kit; SLC25A5/ANT 2 (ADP/ATP translocase 2)/Solute carrier family 25 member 5/Adenine nucleotide translocator 2/ADP; ATP carrier protein 2/ADP; ATP carrier protein; fibroblast isoform/; SLC25A5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	298
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human SLC25A5 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	78	156	312.5	625	1250	2500	5000
Y	OD450	0.033	0.119	0.241	0.357	0.755	1.204	1.905	2.378

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC25A5 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human SLC25A5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SLC25A5 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human SLC25A5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SLC25A5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156071459
NCBI GeneID	292
NCBI Accession #	NP_001143.2
NCBI GenBank Nucleotide #	NM_001152.4
Molecular Weight	32,852 Da
NCBI Official Full Name	ADP/ATP translocase 2
NCBI Official Synonym Full Names	solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 5
NCBI Official Symbol	SLC25A5
NCBI Official Synonym Symbols	T2; T3; 2F1; AAC2; ANT2
NCBI Protein Information	ADP/ATP translocase 2
UniProt Protein Name	ADP/ATP translocase 2
UniProt Gene Name	SLC25A5
UniProt Synonym Gene Names	ANT2; ANT 2
UniProt Entry Name	ADT2_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/slc25a5-human-elisa-kits/adp-atp-translocase-2/101965>