

Human Equilibrative nucleoside transporter 1 ELISA Kit | SLC29A1 elisa kit

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CATALOG #
AAA98723

REACTIVITY
Human

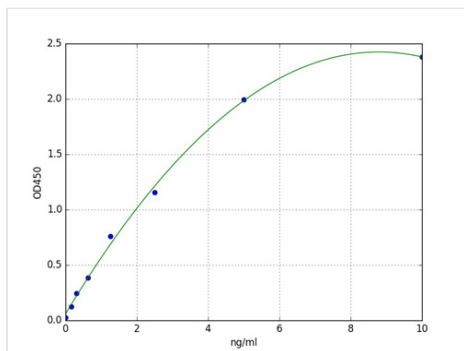
PRODUCT SYNONYMS

Equilibrative nucleoside transporter 1; Human Equilibrative nucleoside transporter 1 ELISA Kit; SLC29A1 (Equilibrative nucleoside transporter 1)/Solute carrier family 29 member 1/Equilibrative nitrobenzylmercaptapurine riboside-sensitive nucleoside transporter/Equilibrative NBMPR-sensitive nucleoside transporter/Nucleoside transporter; es-type; SLC29A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	456
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 SLC29A1 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.032	0.110	0.189	0.321	0.364	0.927	1.433	2.061

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC29A1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human SLC29A1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human SLC29A1 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 SLC29A1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human SLC29A1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6049845
NCBI GeneID	2030
Molecular Weight	58,963 Da
NCBI Official Full Name	equilibrative nucleoside transporter 1
NCBI Official Synonym Full Names	solute carrier family 29 (equilibrative nucleoside transporter), member 1
NCBI Official Symbol	SLC29A1
NCBI Official Synonym Symbols	ENT1
NCBI Protein Information	equilibrative nucleoside transporter 1
UniProt Protein Name	Equilibrative nucleoside transporter 1
UniProt Gene Name	SLC29A1
UniProt Synonym Gene Names	ENT1; Equilibrative NBMPR-sensitive nucleoside transporter
UniProt Entry Name	S29A1_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/slc29a1-human-elisa-kits/equilibrative-nucleoside-transporter-1/98723>