

Human Equilibrative nucleoside transporter 1 ELISA Kit | SLC29A1 elisa kit

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CATALOG #
AAA56674

REACTIVITY
Human

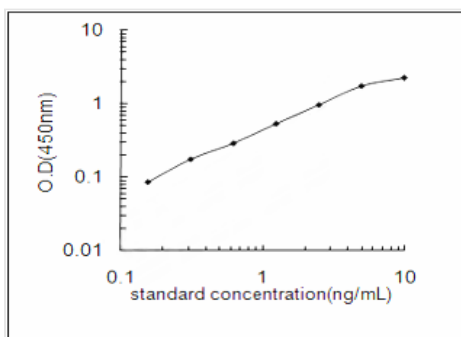
PRODUCT SYNONYMS

Equilibrative nucleoside transporter 1; Human Equilibrative nucleoside transporter 1 ELISA Kit; Equilibrative nitrobenzylmercaptapurine riboside-sensitive nucleoside transporter; Equilibrative NBMPR-sensitive nucleoside transporter; Nucleoside; SLC29A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human ENT1. No significant cross-reactivity or interference was observed.
Sequence Length	456
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.065 ng/ml
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=10.3%
Recovery	83%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC29A1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human equilibrative nucleoside transporter 1,ENT1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay The microtiter plate provided in this kit has been pre-coated with an antibody specific to ENT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for ENT1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain ENT1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of ENT1 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 #	118582262
NCBI GeneID	2030
NCBI Accession #	NP_001071643.1
NCBI GenBank Nucleotide #	NM_001078175.2
UniProt Accession #	Q99808; Q5T9W9; Q9UJY2; B3KQV7; B3KQY5
Molecular Weight	58,963 Da
NCBI Official Full Name	equilibrative nucleoside transporter 1 isoform 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/slc29a1-human-elisa-kits/equilibrative-nucleoside-transporter-1/56674>