

Human Membrane associated transporter protein (SLC45A2) ELISA Kit | SLC45A2 elisa kit

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CATALOG #
AAA246875

REACTIVITY
Human

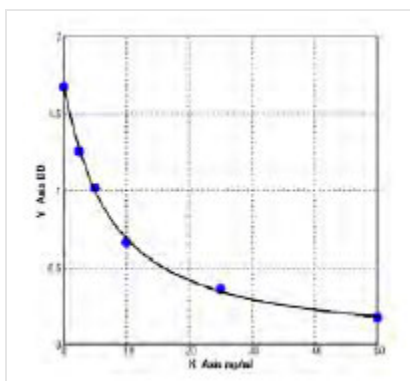
PRODUCT SYNONYMS

Membrane associated transporter protein (SLC45A2); Human Membrane associated transporter protein (SLC45A2) ELISA Kit; SLC45A2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SLC45A2 elisa kit

Intended Uses: This SLC44A1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of HumanSLC44A1. This ELISA kit for research use only!

Principle of the Assay: SLC44A1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SLC44A1 antibody and an SLC44A1-HRP conjugate. The assay sample and buffer are incubated together with SLC44A1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SLC44A1 concentration since SLC44A1 from samples and SLC44A1-HRP conjugate compete for the anti-SLC44A1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SLC44A1 from the sample, fewer sites are left to bind SLC44A1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SLC44A1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	61635915
NCBI GeneID	51151
NCBI Accession #	NP_057264.3
NCBI GenBank Nucleotide #	NM_016180.3
Molecular Weight	51,200 Da
NCBI Official Full Name	membrane-associated transporter protein isoform a
NCBI Official Synonym Full Names	solute carrier family 45, member 2
NCBI Official Symbol	SLC45A2
NCBI Official Synonym Symbols	1A1; AIM1; MATP; OCA4; SHEP5
NCBI Protein Information	membrane-associated transporter protein; underwhite; protein AIM-1; melanoma antigen AIM1; membrane associated transporter
UniProt Protein Name	Membrane-associated transporter protein
UniProt Gene Name	SLC45A2
UniProt Synonym Gene Names	AIM1; MATP; Protein AIM-1
UniProt Entry Name	S45A2_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.