

Mouse CMP-sialic acid transporter (SLC35A1) ELISA Kit | SLC35A1 elisa kit

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CATALOG #
AAA244354

REACTIVITY
Mouse

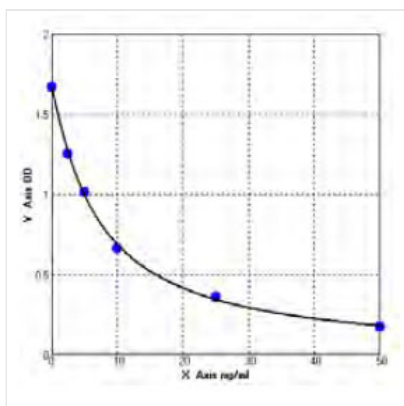
PRODUCT SYNONYMS

CMP-sialic acid transporter (SLC35A1); Mouse CMP-sialic acid transporter (SLC35A1) ELISA Kit; SLC35A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of SLC35A1. No significant cross-reactivity or interference between SLC35A1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SLC35A1 and all the analogues, therefore, cross reaction may still exist in some cases.
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 SLC35A1 elisa kit	Intended Uses: This SLC35A1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse SLC35A1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: SLC35A1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-SLC35A1 antibody and an SLC35A1-HRP conjugate. The assay sample and buffer are incubated together with SLC35A1-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 SLC35A1 concentration since SLC35A1 from samples and SLC35A1-HRP conjugate compete for the anti-SLC35A1 antibody binding site. Since the number of sites is limited, as more sites are occupied by SLC35A1 from the sample, fewer sites are left to bind SLC35A1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SLC35A1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SLC35A1 elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	1669558
NCBI GeneID	10559
Molecular Weight	29,919 Da
NCBI Official Full Name	CMP-sialic acid transporter
NCBI Official Synonym Full Names	solute carrier family 35 (CMP-sialic acid transporter), member A1
NCBI Official Symbol	SLC35A1
NCBI Official Synonym Symbols	CST; hCST; CDG2F; CMPST
NCBI Protein Information	CMP-sialic acid transporter; CMP-SA-Tr; CMP-Sia-Tr; solute carrier family 35 member A1; mutated CMP-sialic acid transporter A1; solute carrier family 35 (UDP-galactose transporter), member 1; solute carrier family 35 (CMP-sialic acid transporter), member 1
UniProt Protein Name	CMP-sialic acid transporter
UniProt Gene Name	SLC35A1
UniProt Synonym Gene Names	CMP-SA-Tr; CMP-Sia-Tr
UniProt Entry Name	S35A1_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/mouse-elisa-kits/cmp-sialic-acid-transporter-slc35a1/244354>