

Mouse C1GALT1-specific chaperone 1 (C1GALT1C1) ELISA Kit | C1GALT1C1 elisa kit

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CATALOG #
AAA244369

REACTIVITY
Mouse

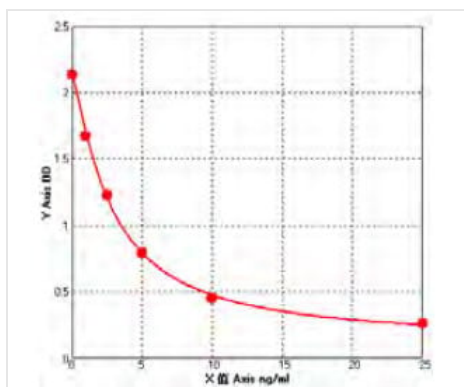
PRODUCT SYNONYMS

C1GALT1-specific chaperone 1 (C1GALT1C1); Mouse C1GALT1-specific chaperone 1 (C1GALT1C1) ELISA Kit; C1GALT1C1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of C1GALT1C1. No significant cross-reactivity or interference between C1GALT1C1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between C1GALT1C1 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 C1GALT1C1 elisa kit	Intended Uses: This C1GALT1C1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse C1GALT1C1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: C1GALT1C1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-C1GALT1C1 antibody and an C1GALT1C1-HRP conjugate. The assay sample and buffer are incubated together with C1GALT1C1-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 C1GALT1C1 concentration since C1GALT1C1 from samples and C1GALT1C1-HRP conjugate compete for the anti-C1GALT1C1 antibody binding site. Since the number of sites is limited, as more sites are occupied by C1GALT1C1 from the sample, fewer sites are left to bind C1GALT1C1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The C1GALT1C1 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58532584
NCBI GeneID	29071
NCBI Accession #	NP_001011551.1
NCBI GenBank Nucleotide #	NM_001011551.2
Molecular Weight	36,382 Da
NCBI Official Full Name	C1GALT1-specific chaperone 1
NCBI Official Synonym Full Names	C1GALT1-specific chaperone 1
NCBI Official Symbol	C1GALT1C1
NCBI Official Synonym Symbols	TNPS; COSMC; MST143; C1GALT2; HSPC067; C38H2-L1
NCBI Protein Information	C1GALT1-specific chaperone 1; C1Gal-T2; core 1 beta3-Gal-T2; C38H2-like protein 1; beta 1,3-galactosyltransferase 2; core 1 beta1,3-galactosyltransferase 2; core 1 beta3-galactosyltransferase-specific molecular chaperone
UniProt Protein Name	C1GALT1-specific chaperone 1
UniProt Gene Name	C1GALT1C1
UniProt Synonym Gene Names	COSMC; HSPC067; MSTP143; UNQ273/PRO310; C38H2-L1; C1Gal-T2; C1GalT2; Core 1 beta3-Gal-T2
UniProt Entry Name	C1GLC_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/c1galt1-specific-chaperone-1-c1galt1c1/244369>