

Mouse Carbohydrate sulfotransferase 5 ELISA Kit | CHST5 elisa kit

Mouse Carbohydrate sulfotransferase 5 (CHST5) ELISA Kit

CATALOG #
AAA55403

REACTIVITY
Mouse

PRODUCT SYNONYMS

Carbohydrate sulfotransferase 5; Mouse Carbohydrate sulfotransferase 5 (CHST5) ELISA Kit; CHST5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse CHST5. No significant cross-reactivity or interference between Mouse CHST5 and analogues was observed.
Sequence Length	411
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	3.12 pg/mL - 200 pg/mL
Sensitivity	1.56 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for CHST5 elisa kit

Intended Uses: For the quantitative detection of Mouse Carbohydrate sulfotransferase 5 (CHST5) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate CHST5 in Mouse serum, plasma. An antibody specific for CHST5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CHST5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CHST5 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CHST5 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910284
NCBI GeneID	56773
NCBI Accession #	NP_064334.1
NCBI GenBank Nucleotide #	NM_019950.2
UniProt Accession #	Q9QUP4

Molecular Weight	44,537 Da
NCBI Official Full Name	carbohydrate sulfotransferase 5
NCBI Official Synonym Full Names	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5
NCBI Official Symbol	Chst5
NCBI Official Synonym Symbols	GST-4; Gn6st-3; A1173964; I-GlcNAc-6-ST
NCBI Protein Information	carbohydrate sulfotransferase 5
UniProt Protein Name	Carbohydrate sulfotransferase 5
UniProt Gene Name	Chst5
UniProt Synonym Gene Names	Gst4; GST4; I-GlcNAc6ST; Intestinal GlcNAc-6-sulfotransferase; mIGn6ST; GlcNAc6ST-3; Gn6st-3

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://www.aaabiotech.com/chst5-mouse-elisa-kits/carbohydrate-sulfotransferase-5/55403>