

Human Carbohydrate Sulfotransferase 15 (CHST15) ELISA Kit | CHST15 elisa kit

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CATALOG #
AAA219637

REACTIVITY
Human

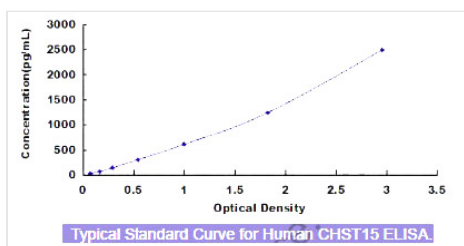
PRODUCT SYNONYMS

Carbohydrate Sulfotransferase 15 (CHST15); Human Carbohydrate Sulfotransferase 15 (CHST15) ELISA Kit; B-cell RAG-associated gene protein(hBRAG); N-acetylgalactosamine 4-sulfate 6-O-sulfotransferase(GalNAc4S-6ST); CHST15 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CH25H. No significant cross-reactivity or interference between CH25H and analogues was observed.
Sequence Length	561
Samples	Human Serum, Plasma, Tissue Homogenates Or Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	0.252ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CH25H were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CH25H were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Stable for 12 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CHST15 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CH25H in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CH25H. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CH25H. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain CH25H, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of CH25H 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 #	398303854
NCBI GeneID	51363
NCBI Accession #	NP_001257693.1
NCBI GenBank Nucleotide #	NM_001270764.1
UniProt Accession #	Q7LFX5; O60338; O60474; Q86VM4
Molecular Weight	58,109 Da
NCBI Official Full Name	carbohydrate sulfotransferase 15 isoform 1
NCBI Official Synonym Full Names	carbohydrate sulfotransferase 15
NCBI Official Symbol	CHST15
NCBI Official Synonym Symbols	BRAG; GALNAC4S-6ST
NCBI Protein Information	carbohydrate sulfotransferase 15
UniProt Protein Name	Carbohydrate sulfotransferase 15
UniProt Gene Name	CHST15
UniProt Synonym Gene Names	BRAG; GALNAC4S6ST; KIAA0598; hBRAG; GalNAc4S-6ST

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/human-elisa-kits/carbohydrate-sulfotransferase-15-chst15/219637>