

Mouse UGCG (Ceramide glucosyltransferase) ELISA Kit | UGCG elisa kit

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CATALOG #
AAA250208

REACTIVITY
Mouse

PRODUCT SYNONYMS

UGCG (Ceramide glucosyltransferase); Mouse UGCG (Ceramide glucosyltransferase) ELISA Kit; Ceramide glucosyltransferase; GLCT-1; Glucosylceramide synthase; GCS; UDP-glucose ceramide glucosyltransferase; UDP-glucose:N-acylsphingosine D-glucosyltransferase; Ugcg; UGCG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of UGCG. No significant cross -reactivity or interference between UGCG and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for UGCG elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7106443
NCBI GeneID	22234
NCBI Accession #	NP_035803.1
NCBI GenBank Nucleotide #	NM_011673.3
UniProt Accession #	O88693; A2AN90
Molecular Weight	44,839 Da
NCBI Official Full Name	ceramide glucosyltransferase

NCBI Official Synonym Full Names	UDP-glucose ceramide glucosyltransferase
NCBI Official Symbol	Ugcg
NCBI Official Synonym Symbols	Ugcgl; C80537; Epcs21; GlcT-1; AU043821
NCBI Protein Information	ceramide glucosyltransferase
UniProt Protein Name	Ceramide glucosyltransferase
UniProt Gene Name	Ugcg
UniProt Synonym Gene Names	GCS

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/mouse-elisa-kits/ugcg-ceramide-glucosyltransferase/250208>