

Human UDP Glucose Ceramide Glucosyltransferase (UGCG) ELISA Kit | UGCG elisa kit

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CATALOG #
AAA42617

REACTIVITY
Human

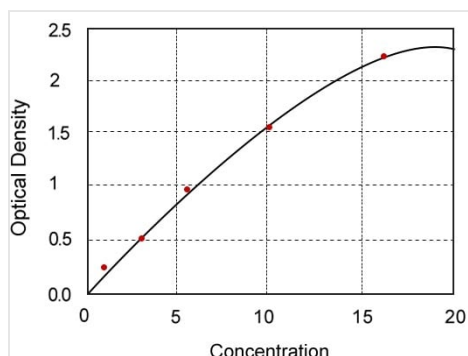
PRODUCT SYNONYMS

UDP Glucose Ceramide Glucosyltransferase (UGCG); Human UDP Glucose Ceramide Glucosyltransferase (UGCG) ELISA Kit; UGCG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	394
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 70ng/ml
Sensitivity	0.11ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UGCG elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human DP Glucose Ceramide Glucosyltransferase (also known as UGCG) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human UGCG antibody. UGCG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human UGCG Antibody is added and binds to UGCG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated UGCG antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human UGCG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24270822
NCBI GeneID	7357
UniProt Accession #	Q16739; Q5T258
Molecular Weight	44,854 Da
NCBI Official Full Name	UDP-glucose ceramide glucosyltransferase
NCBI Official Synonym Full Names	UDP-glucose ceramide glucosyltransferase
NCBI Official Symbol	UGCG
NCBI Official Synonym Symbols	GCS; GLCT1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/udp-glucose-ceramide-glucosyltransferase-ugcg/42617>