

General Triglyceride ELISA Kit | TGC elisa kit

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CATALOG #
AAA196208

REACTIVITY
General

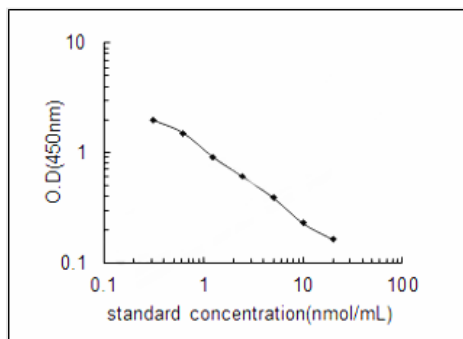
PRODUCT SYNONYMS

Triglyceride; General Triglyceride ELISA Kit; TGC; TG; TGC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay recognizes recombinant and natural General Triglyceride. No significant cross-reactivity or interference was observed.
Sequence Length	499
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.31-20.0 nmol/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TGC elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of general Triglyceride concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Triglyceride. During the reaction, Triglyceride in the sample or standard competes with a fixed amount of biotin-labeled Triglyceride for sites on a pre-coated Monoclonal antibody specific to Triglyceride. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Triglyceride in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	339595
NCBI GeneID	3990
Molecular Weight	55,914 Da
NCBI Official Full Name	triglyceride lipase
NCBI Official Synonym Full Names	lipase C, hepatic type
NCBI Official Symbol	LIPC
NCBI Official Synonym Symbols	HL; HTGL; LIPH; HDLCQ12
NCBI Protein Information	hepatic triacylglycerol lipase
UniProt Protein Name	Hepatic triacylglycerol lipase
UniProt Gene Name	LIPC
UniProt Synonym Gene Names	HTGL; HL; Hepatic lipase
UniProt Entry Name	LIPC_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/tgc-general-elisa-kits/triglyceride/196208>