

Triglyceride (TG) Assay Kit | TG assay kit

Triglyceride (TG) Colorimetric Assay Kit

CATALOG #
AAA332484

PRODUCT SYNONYMS

Triglyceride (TG); Triglyceride (TG) Colorimetric Assay Kit; TG; Triglycerides; TG assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, Plasma, Animal and Plant Tissues, Cells, Cell Supernatant, Bacteria
Preparation and Storage	Storage at 4 degree C and protected from light upon receipt. Kit has a storage time of 12 months form receipt. Shipping: Gel pack with blue ice.

ADDITIONAL INFORMATION

Related Product Information for TG assay kit	Principle of the Assay: Triglycerides (TG) are fat molecules formed by long-chain Fatty acids and Glycerol. They are not only the main components of cell membranes, but also important respiratory substrates. Serum triglycerides (TG) is an important index for clinical blood lipid measurement. CheKine™ Micro Triglyceride (TG) Assay Kit provides a simple method for detecting TG concentration in a variety of biological samples such as Serum, Plasma, Animal and Plant Tissues, Cells, Cell Supernatant, Bacteria. In the assay, TG can be extracted by Isopropanol and then saponified by KOH to produce Glycerol and Fatty Acid. Further, periodic Acid Oxidizes Glycerin to form Formaldehyde. In the presence of Chloride Ions, Formaldehyde can react with Acetylacetone to form a yellow substance which has a characteristic absorption peak at 420 nm. The Triglyceride (TG) present in the sample is proportional to the signal obtained.
Product Categories/Family for TG assay kit	Cell Metabolism

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/assay-kits/triglyceride-tg/332484>