

Triglyceride (TG) Assay Kit

Catalogue No.: abx294142

Triglyceride (TG) Assay Kit is an assay kit for detection and quantification of Triglyceride concentrations in serum, plasma and tissue homogenates using a spectrophotometer (510 nm). Triglycerides (TG) can be hydrolyzed by lipoprotein lipase into glycerol and free fatty acids. Glycerol produces glycerol-3-phosphate and ADP under the catalysis of glycerol kinase (GK). Glycerol-3-phosphate produces hydrogen peroxide under the action of glycerol phosphate oxidase (GPO). In the presence of 4-aminoantipyrine and phenol, hydrogen peroxide is catalyzed by peroxidase (POD) to produce quinones which is proportional to the triglyceride content. The absorbance values of the standard tube and the sample tube are measured respectively, and the triglyceride content in the sample can be calculated.

Target: Triglyceride (TG)

Storage: Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

Validity: The validity for this kit is 12 months.

Test Range: 0.19 mmol/L - 8 mmol/L

Sensitivity: 0.19 mmol/L

Detection Method: Colorimetric

Assay Data: Quantitative

Sample Type: Serum, plasma and tissue homogenates.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.