



Triglyceride Content Assay kit

TG is a fat molecule formed by long-chain fatty acids and glycerol. It is not only the main component of cell membrane, but also an important respiratory substrate.

Extract TG with isopropanol, saponify TG with KOH and hydrolyze to generate glycerol and fatty acids. Periodic acid oxidizes glycerol to generate formaldehyde. In the presence of chloride ions, formaldehyde and acetylacetone condense to form a yellow substance with a characteristic absorption peak at 420 nm , The depth of its color is directly proportional to the TG content.

Catalog No.	250062
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs