

OYC Biochemicals

for Triglycerides assay

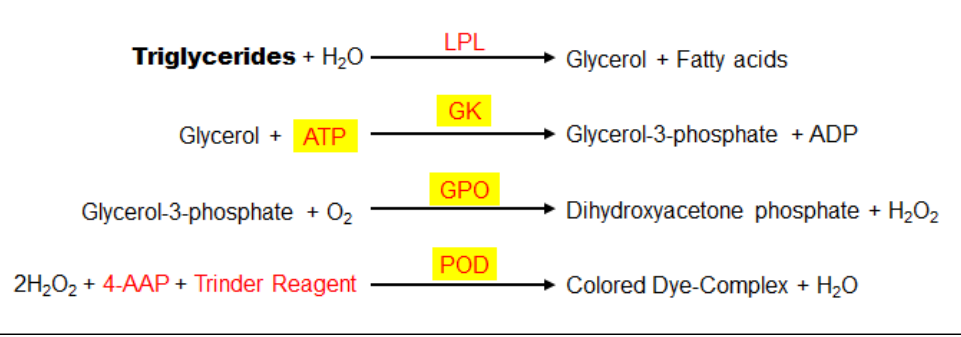


OYC's Biochemicals are the most suitable materials for the development and manufacture of IVD reagents. All products have passed through stringent product specifications. We supply our customers a variety of Enzymes and Substrate for Triglycerides (TG) assay. Would you like to try OYC raw materials for the preparation of TG reagents?

Assay Principle

Triglycerides TG, TRIG

Lipid metabolism disorders (hyperlipidaemias) tests



Use **GK** and **GPO**, which are stable and have high affinity for the substrate.



Major ingredients in the reagent are colored **red**. OYC's available product is highlighted in **yellow**.

OYC can supply the following products in bulk!

OYC's PRODUCTS for TG assay

rGK

Properties

Product Item	Catalog No.	pH stability (30°C, 1 week)	Thermal stability (pH 7.0, 10 min)	Optimum pH	Optimum temp.	Km value (ATP)	Km value (Glycerol)
rGK	46898903	5.5-8.5	≤ 65°C	9.5	≥ 50°C	6.0 x 10 ⁻⁵ mol/L	8.2 x 10 ⁻⁵ mol/L

rGPO

Properties

Product Item	Catalog No.	pH stability (30°C, 1 week)	Thermal stability (pH 6.5, 10 min)	Optimum pH	Optimum temp.	Km value (DL-Glycerol 3-phosphate)
rGPO	46899903	6.0-6.5	≤ 45°C	6.0-7.0	40°C	1.5 x 10 ⁻¹ mol/L

POD (HRP)

Product Item	Catalog No.
POD	46260903

ATP

Product Item	Catalog No.
ATP-II	45147900

➤ Please contact us for the detailed product features.

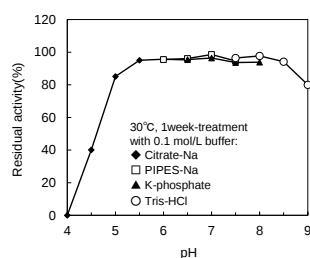
REFERENCE DATA -rGK

rGK with features suitable for TG assay (GK-GPO).

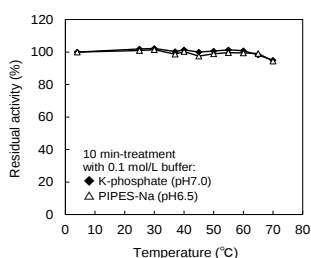
OYC recombinant GK (Glycerol Kinase) is purified to high purity. rGK has the advantage of Thermal stability and low K_m for glycerol.

rGK

pH stability



Thermal stability



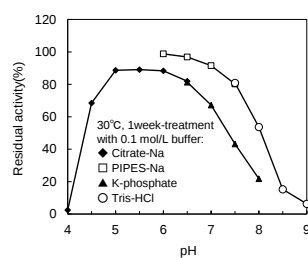
REFERENCE DATA -rGPO

rGPO with features suitable for TG assay (GK-GPO).

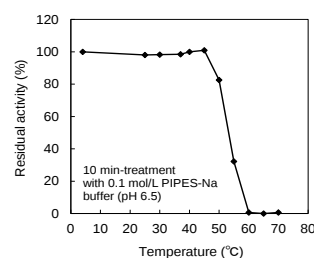
OYC recombinant GPO (Glycerol 3-Phosphate Oxidase) is purified to high purity. rGPO has the advantage of Thermal stability.

rGPO

pH stability



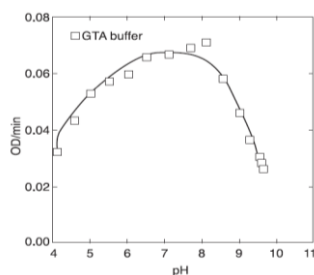
Thermal stability



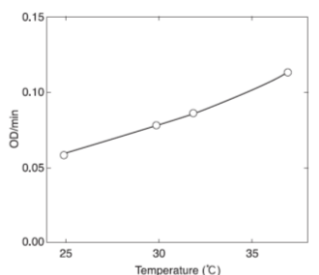
REFERENCE DATA -POD

POD

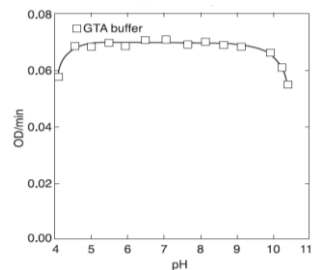
pH activity



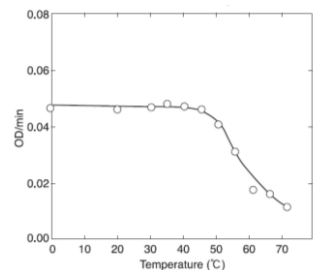
Thermal activity



pH stability



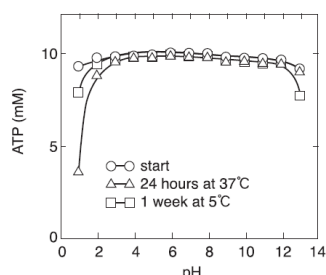
Thermal stability



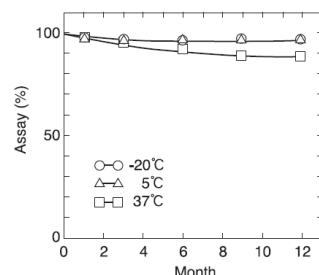
REFERENCE DATA -ATP

ATP-II

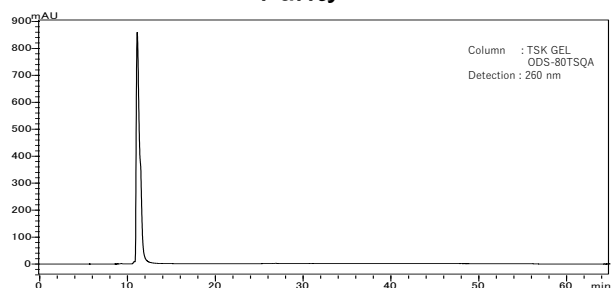
pH stability



Long term stability



Purity



OYC supports the development and manufacture of IVD reagents for our customers.



ORIENTAL YEAST CO.,LTD.

Please contact our sales representative or visit the following website.

<http://www.oyc-bio.jp/pages/info/english>