

# Triglycerides Test Kit

## GPO-PAP Method

### INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	546 nm
Reaction Type	End Point
Cuvette	1 cm light path
Reaction Temperature	37°C
Measurement	Against Reagent Blank
Sample Volume	10µl
Reagent Volume	1000µl
Incubation	5 minutes
Blank Absorbance limit	<0.300
Low Normal at 37°C	40 mg/dl (0.45 mmol/L)
High Normal at 37°C	165 mg/dl (1.86 mmol/L)
Linearity at 37°C	1300 mg/dl (14.68 mmol/L)

### MANUAL ASSAY PROCEDURE

#### Pipette into Test Tubes.

	Blank	Standard	Test
Reagent 1	1000µL	1000µL	1000µL
Standard	--	10µL	--
Sample	--	--	10µL

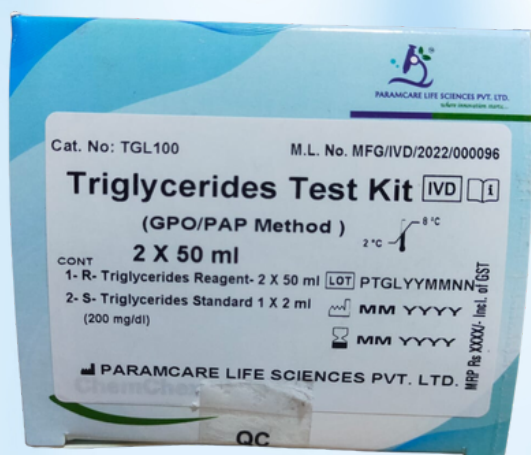
#### SAMPLE DILUTIONS:

Mix well, incubate for 5 mins. at 37°C (or 10 mins. at 20 - 25° C). Measure absorbance of Sample (AT) and Standard (AS) against reagent blank at 505 nm.

1. This method is linear upto a concentration of 1300 mg/dL.
2. Dilute samples above this concentration 1:1 with 0.9% saline.
3. Repeat assay. Multiply the result by 2.

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### LINEARITY

The method is linear upto a concentration of 25mg/dL.  
Dilute samples above this concentration 1:1 with 0.9% saline solution and repeat assay. Multiply the result by 2.

**Limit of detection: 0.2 mg/dL.**

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