BIOBOON BIOTECH LLC

Triglycerides Test Kit

GPO-PAP Method

Quantitative determination of triglycerides.



AUTOMATED PARAMETERS

Wavelength	546 nm
Reaction type	End Point
Cuvette	1 cm light path
Reaction temperature	37°C
Measurement	Against Reagent Blank
Sample volume	10 µL
Reagent volume	1000 µL
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	1000 µL	1000 µL	1000 µL
Standard	—	10 µL	—
Sample	—	—	10 µL

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

SAMPLE DILUTIONS

1. This method is linear up to 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.

Limit of detection: 0.2 mg/dL.

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