

# LDL Cholesterol Test Kit

## Enzymatic

### INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	546 nm
Measurement	Against Reagent blank
Cuvette	1 cm light path
Reaction Temperature	37°C
Reaction Type	End Point
Reaction Direction	Increasing
Incubation	5 Min. + 5 Min.
Sample Volume	10 µl
Reagent I Volume	750 µl
Reagent II Volume	250 µl
Low Normal	0 mg/dl
High Normal	100 mg/dl
Linearity	400 mg/dl

### MANUAL ASSAY PROCEDURE

#### Pipette into Test Tubes.

	CALIBRATOR	SAMPLE
REAGENT I	750 µl	750 µl
CALIBRATOR	10 µl	-
SAMPLE	-	10 µl
Mix well and incubate for 5 mins at 37°C & Immediately Add		
REAGENT II	250 µl	250 µl
After 5 minutes at 37°C. Read the absorbance ( Ac ) for calibrator and absorbance (As) for sample.		

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#### SAMPLE DILUTIONS:

1. **This method is linear upto a concentration of 400 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 400mg/dL.

Dilute samples above this concentration 1:1 with 0.9% saline solution and repeat assay. Multiply the result by 2.

Limit of detection: The limit of detection for LDL Cholesterol is 2 mg/dL.

#### Corporate Office:-

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