

HDL Cholesterol Test Kit

Enzymatic

INTERPRETATION OF RESULTS

AUTOMATED PARAMETERS	
Wavelength	546 nm
Measurement	Against DI Water
Cuvette	1 cm light path
Reaction Temperature	37°C
Reaction Type	Fix time Kinetic
Reaction Direction	Increasing
Incubation	5 Min. + 5 Min.
Sample Volume	10 µl
Reagent I Volume	750 µl
Reagent II Volume	250 µl
Delay/Lag/Time	5 Sec
Interval Time	300 sec.
Low Normal	35 mg/dl
High Normal	60 mg/dl
Linearity	150 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

Mix well and incubate for 5 mins at 37°C & Immediately Add. Read the absorbance (A1) at 546 nm immediately after 5 seconds after addition of R2 reagent .After 5 minutes read the absorbance A2

SAMPLE DILUTIONS:

1. This method is linear upto a concentration of 150 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 150mg/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 HDL Cholesterol is 2 mg/dL.

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