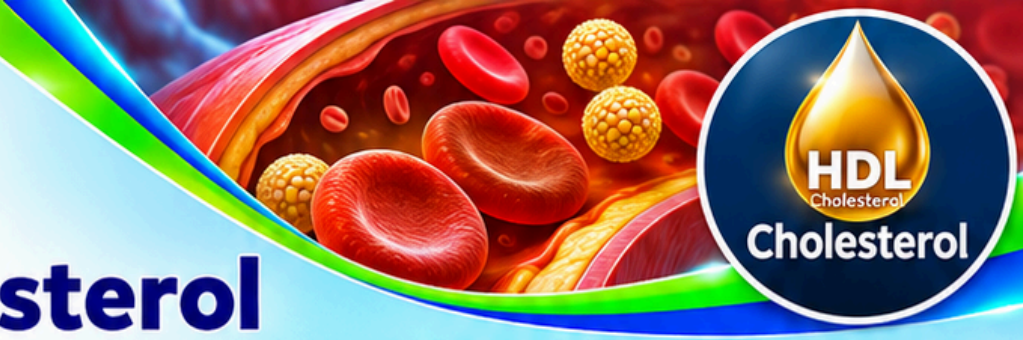
BIOBOON BIOTECH LLC



HDL Cholesterol Test Kit

Enzymatic



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

Reagent I	750 µL in calibrator and sample tubes.
Calibrator	10 µL in calibrator tube.
Sample	10 µL in sample tube.

1. Mix and incubate 5 min at 37°C, then add Reagent II (250 µL) to each.
2. Mix and incubate another 5 min at 37°C.
3. Read absorbance A1 at 546 nm 5 seconds after adding R2, then after 5 minutes read absorbance A2.

LINEARITY & DETECTION

LINEARITY

The method is linear upto a concentration of 150 mg/dL.

RECOMMENDATION

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

LIMIT OF DETECTION: 2 mg/dL.

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