



Teco Diagnostics

Intended Use

For the quantitative determination of high density lipoprotein (HDL) in human serum on TC Matrix analyzers.

Principle

This assay is a homogeneous method for directly measuring serum HDL-C levels without the need for any off-line pretreatment or centrifugation steps. The method is in a two-reagent format. The first reagent stabilizes LDL, VLDL, and chylomicrons. The second reagent contains PEG modified enzymes that selectively react with the cholesterol present in the HDL particles.

Consequently, only the HDL cholesterol is subject to cholesterol measurement

CONTACT US:

TECO DIAGNOSTICS

1268 N. Lakeview Avenue
Anaheim, CA 92807
Tel: 714-463-1111
Fax: 714-463-1169

Test:

Direct HDL Cholesterol Reagent Set for TC Matrix (H513-330TM)

Number of Tests:

330 tests

Format:

Liquid

Method:

Enzymatic

Testing Procedure:

Automated

Storage Temperature:

2 – 8°C

Wavelength:

578nm

Expected Values:

Male: 29-71 mg/dL

Female: 35-85 mg/dL

Linearity:

2 – 150 mg/dL

Limitations of Procedure:

Hemoglobin levels up to 100 mg/dL, Triglyceride levels up to 1800mg/dL and Bilirubin levels up to 20 mg/dl were found to exhibit negligible interference (<5%) on this method. Samples with levels of interfering substances higher than the upper limits should be diluted with physiological saline before assaying.