For the Quantitative Determination of Human Apolipoprotein All in Serum and Plasma

INTENDED USE
For the quantitative determination of human apolipoprotein All in serum and plasma by immunoturbidimetric assay. FOR RESEARCH USE ONLY IN THE U.S. NOT FOR USE IN DIAGNOSTIC PROCEDURES IN THE U.S.

INTRODUCTION AND SUMMARY
Lipoprotein is composed of lipids and proteins. The protein constituent is called apolipoprotein. Apolipoprotein All (Apo All) and apolipoprotein All (Apo All) comprise approximately 70% and 20%, respectively, of high-density lipoprotein (HDL). Apo All activates LCAT. Apo All has been shown to activate hepatic lipase and inhibit LCAT. As the concentration of Apo AI and Apo AII are approximately 70% and 20%, respectively, of high-density lipoprotein.

PRINCIPLE OF TEST
When a sample is mixed with anti-human apolipoprotein All antibody reaction. The turbidity is measured at 600 nm and 700 nm and apolipoprotein All in the sample is quantitatively determined.

KIT COMPOSITION
Reagents (Liquid Stable)
R1: Buffer Reagent 4 x 18 mL
Tris(hydroxymethyl)aminomethane
R2: Antiserum Reagent 1 x 10 mL
Anti-human Apolipoprotein All goat antiserum

WARNINGS AND PRECAUTIONS
For Research Use Only in the U.S. Not for Use in Diagnostic Procedures in the U.S.
Not to be used internally in humans or animals. Normal precautions exercised in handling laboratory reagents should be followed.

Materials Required But Not Supplied
Calibrators: K-ASSAY® Apo All/II/III Calibrator, Cat. No. KAI-041C (Containing known levels of Apo All).
Purified Water
Two-Reagent Clinical Chemistry Analyzer:
Two-Reagent Clinical Chemistry Analyzer: Capable of accurate absorbance readings at 600 / 700 nm

SPECIMEN COLLECTION AND PREPARATION
Serum or plasma (EDTA, sodium citrate, or sodium heparin) test samples must be collected in the manner routinely used for clinical laboratory tests. Use fresh samples if possible. If samples will be frozen, seal tubes from air and avoid repeated freeze/thawing. Long-term storage is not recommended.

Use plastic tubes for storing the samples, do not use glass.

AUTOMATED ANALYZER APPLICATION
Suitable for two-reagent automated analyzers that use a multi-point calibration method.

PROCEDURE
Materials Supplied
Reagent 1 (R-1) Buffer Reagent 4 x 18 mL
Reagent 2 (R-2) Antiserum Reagent 1 x 10 mL

ASSAY PROCEDURE
Reagents are ready to use and do not require reconstitution.

STORAGE AND HANDLING
All reagents should be stored refrigerated (2-8°C). Return all reagents to 2-8°C promptly after use. Unopened reagents can be used for up to 18 months from the date of manufacture, as indicated by the expiration date on package and bottle labels.

REAGENT STABILITY
Opened reagents can be used for 1 month if stored at 2-8°C. Discard reagents if they become contaminated. Evidence of cloudiness or particulate material in solution is cause to discard.

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K-ASSAY® Apo All

REFERENCES
LABELING SYMBOLS

LOT  Lot Number

RGT  Reagent

  Expiration or “Use By” Date

REF  Catalog Number

Temperature Limitation.
Store between 2 and 8 degrees C

Manufacturer

Consult Package Insert for Instructions for Use

Authorized Representative in the European Community

EU AUTHORIZED REPRESENTATIVE

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ORDERING / PRICING / TECHNICAL INFORMATION

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