



Meridian

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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: K74110G **Lot #:** 3E13817

Description: Goat anti Apolipoprotein CI
Goat Antibody to Human Apolipoprotein CI (Apo CI)

Specificity: Specific for Human Apo CI.

Host Animal: Goat

Immunogen: Purified Human Apolipoprotein CI

Format: Affinity Purified, Liquid

Purification: Human Apo CI Sepharose affinity column.

Concentration: 1 mg/mL (OD280nm, E^{0.1%} = 1.35)

Buffer: 75 mM Sodium Phosphate, pH 7.2 containing 75 mM Sodium Chloride, 0.5 mM EDTA.

Preservative: 0.02% Sodium Azide

Applications: Can be used for detection of Apo CI in plasma and lipoproteins, for Immunoassay, Immunoblotting, enzyme conjugation, or biotinylation. For use in ELISA and Immunoblot, a dilution range of 1:200 to 1:20,000 is suggested. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short-term (up to 1 week) store at 2-8°C. Long term store at -20°C. Avoid multiple/freeze thaw cycles.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

References: The references listed below are for research purposes only:

1. Meunier, J.C., et al., (2008), "Apolipoprotein C1 Association with Hepatitis C Virus", Journal of Virology, **82**(19): 9647-9656.
2. Björkegren, J., et al., (2002), "Postprandial Enrichment of Remnant Lipoproteins With ApoC-I in Healthy Normolipidemic Men With Early Asymptomatic Atherosclerosis", Arterioscler Thromb. Vasc. Biol., **22**: 1470-1474.
3. Wassef, H., et al., (2004), "Synthesis and Secretion of ApoC-I and ApoE during Maturation of Human SW872 Liposarcoma Cells", J. Nutr., **134**: 2935-2941.
4. Conde-Knape, K., et al., (2002), "Overexpression of ApoC-I in ApoE-null mice: severe hypertriglyceridemia due to inhibition of hepatic lipase", J. Lipid Res., **43**: 2136-2145.

CORRY THOMAS

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY