

Polyclonal Antibodies

Goat Anti-Human Apolipoprotein A1, Whole Serum



Product Code : 00-ABD-MM-APA-001

Apolipoprotein A1 (ApoA1) is the protein fraction of high-density lipoproteins with anti-inflammatory and antioxidant properties that play a critical role in reversing cholesterol transport. The protein, as a component of HDL particles, enables the efflux of fat molecules by accepting fats from within cells (including macrophages within the walls of arteries which have become overloaded with ingested fats from oxidised LDL particles) for transport elsewhere, including back to LDL particles or to the liver for excretion. ApoA1 is often used as a biomarker for the prediction of cardiovascular diseases. Anti-human apolipoprotein A1 antibodies are used in indirect ELISA, for quantitation of the antigen in serum. They are also used for immunoprecipitation, immunohistochemistry, immunoturbidimetry, nephelometry assays and western blotting for highly sensitive qualitative analysis.

Specifications:

PARAMETERS

Host

Immunogen

Grade

Physical Appearance

Titre (Reverse Single Radial
Immunodiffusion)

Shelf life

Buffer details*

Total Protein (Biuret Method)

Cholesterol (CHOD

Enzymatic method)

Specificity

(Immunoelectrophoresis)

Specificity (Ouchterlony)

pH

Storage conditions

ACCEPTANCE CRITERIA

Goat

Human ApoA1

Whole Serum

Straw to brownish yellow clear liquid without any suspended particles/Thin Tannish

≥ 1 mg/ml

3 years

Tris saline, with 15mM NaN₃, pH 7.2 ± 0.2

50 to 150 mg/ml

≤ 50 mg/dl

Monospecific to human Apolipoprotein A1 when reacted with pooled human plasma & 2X normal human serum

Monospecific when reacted with normal human serum

7.0 to 8.0

2 to 8°C

*Buffer composition can be customised as per the customer requirements. Product can be further customised as per the specific requirements.

For research use or further manufacturing purposes only

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Polyclonal Antibodies

Goat Anti-Human Apolipoprotein A1, Fractionated



Product Code : 00-ABD-MM-APA-002

Apolipoprotein A1 (ApoA1) is the protein fraction of high-density lipoproteins with anti-inflammatory and antioxidant properties that play a critical role in reversing cholesterol transport. The protein, as a component of HDL particles, enables the efflux of fat molecules by accepting fats from within cells (including macrophages within the walls of arteries which have become overloaded with ingested fats from oxidised LDL particles) for transport elsewhere, including back to LDL particles or to the liver for excretion. ApoA1 is often used as a biomarker for the prediction of cardiovascular diseases. Anti-human apolipoprotein A1 antibodies are used in indirect ELISA, for quantitation of the antigen in serum. They are also used for immunoprecipitation, immunohistochemistry, immunoturbidimetry, nephelometry assays and western blotting for highly sensitive qualitative analysis.

Specifications:

PARAMETERS

Host

Immunogen

Grade

Physical Appearance

Titre (Reverse Single Radial
Immunodiffusion)

Shelf life

Buffer details*

Total Protein (Biuret Method)

Cholesterol (CHOD
Enzymatic method)

Specificity
(Immunoelectrophoresis)

Specificity (Ouchterlony)

pH

Storage conditions

ACCEPTANCE CRITERIA

Goat

Human ApoA1

Fractionated

Clear to slight yellow liquid without any suspended particles
 ≥ 1 mg/ml

3 years

Tris saline with 0.09% NaN_3 , pH 7.2 ± 0.2

50 to 150 mg/ml

≤ 50 mg/dl

Monospecific to human Apolipoprotein A1 when reacted with
pooled human plasma & 2X normal human serum

Monospecific when reacted with normal human serum

6.8 to 8.0

2 to 8°C

*Buffer composition can be customised as per the customer requirements. Product can be further customised as per the specific requirements.

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