

Polyclonal Antibodies

Goat Anti-Human IgG (Fc), Whole Serum

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



IgG is the most common type of antibody found in blood circulation. Accounting for nearly 75% of serum antibodies. IgG (Fc) is a homodimer comprising of the constant region of the two heavy chains that form the IgG molecule. Specificity for the Fc fragment of human IgG is determined by ELISA, and immunoelectrophoresis (IEP). It can be used as a reagent for manufacturing of assays based on Turbidimetry, Nephelometry, Enzyme Linked Immuno Sorbent Assay (ELISA), Radioimmunoassay (RIA) and Chemiluminescence Immunoassay (CLIA). It is used as removal/blocking reagents or as negative controls in various IVD kits. It can be used as a secondary antibody upon further processing. It can also be used as a primary or secondary antibody in protein detection techniques like western blot, immunocytochemistry (ICC) and immunohistochemistry (IHC).

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 (Ouchterlony)

pH

Storage conditions

ACCEPTANCE CRITERIA

Goat

Human IgG Fc

Whole Serum

Straw to brownish yellow clear liquid without any suspended particles

> 15 mg/ml

3 years

Tris saline with 15 mM NaN₃, pH 7.4±0.2

50 to 200 mg/ml

≤ 50 mg/dl

Monospecific to IgG when reacted with pooled human plasma & 2X 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

CORPORATE OFFICE:

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Polyclonal Antibodies

Goat Anti-Human IgG (Fc), Fractionated

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



IgG is the most common type of antibody found in blood circulation. Accounting for nearly 75% of serum antibodies. IgG (Fc) is a homodimer comprising of the constant region of the two heavy chains that form the IgG molecule. Specificity for the Fc fragment of human IgG is determined by ELISA, and immunoelectrophoresis (IEP). It can be used as a reagent for manufacturing of assays based on Turbidimetry, Nephelometry, Enzyme Linked Immuno Sorbent Assay (ELISA), Radioimmunoassay (RIA) and Chemiluminescence Immunoassay (CLIA). It is used as removal/blocking reagents or as negative controls in various IVD kits. It can be used as a secondary antibody upon further processing. It can also be used as a primary or secondary antibody in protein detection techniques like western blot, immunocytochemistry (ICC) and immunohistochemistry (IHC).

Specifications:

PARAMETERS

Host

Immunogen

Grade

Physical Appearance

OD at 280 nm

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 IgG Fc

Fractionated

Clear off-white liquid without any suspended particles

90 to 110 mg/ml

> 15 mg/ml

3 years

Tris saline with 15 mM NaN₃, pH 7.4±0.2

50 to 200 mg/ml

≤ 50 mg/dl

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

Monospecific to IgG 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.

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