

Polyclonal Antibodies

Anti-Human IgA Whole Serum

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



Immunoglobulin A (IgA) exists in monomeric and dimeric form. Its dimeric form is more prevalent. Secretory IgA (sIgA) is mainly in the mucus secretions, including tears, saliva, sweat, colostrum, and secretions from the genitourinary tract, gastrointestinal tract, prostate, and respiratory epithelium. It plays a crucial role in the immune function of mucus membranes. IgA represents up to 15% of total immunoglobulins produced throughout the body. IgA deficiency is linked to autoimmune health problems and allergic reactions. Anti-Human IgA can be used to diagnose problems concerning the immune system, intestines, and kidneys. It is also used to evaluate autoimmune conditions, such as rheumatoid arthritis, lupus, and celiac disease. Kids born with low levels of IgA are exposed to an increased risk of developing an autoimmune condition, infections, asthma, and allergies. Anti-Human IgA (α -chain specific) antibody is used for the development and manufacturing of various qualitative and quantitative assays based on RID, IEP, ELISA, latex enhanced immunoturbidimetric assays, Ouchterlony double diffusion, western blot, and precipitin assay, intending to estimate IgA in various disease conditions in humans.

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 IgA- α chain

Whole Serum

Straw to brownish yellow clear liquid without any suspended particles

≥ 8 mg/ml

3 years

Tris saline with 15 mM NaN_3 , pH 7.4 ± 0.2

50 to 150 mg/ml

≤ 50 mg/dl

Monospecific to IgG 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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Nariman Point,
Mumbai - 400 021, India
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Thane - 400 604, India.
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Polyclonal Antibodies

Anti-Human IgA Fractionated

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



Immunoglobulin A (IgA) exists in monomeric and dimeric form. Its dimeric form is more prevalent. Secretory IgA (sIgA) is mainly in the mucus secretions, including tears, saliva, sweat, colostrum, and secretions from the genitourinary tract, gastrointestinal tract, prostate, and respiratory epithelium. It plays a crucial role in the immune function of mucus membranes. IgA represents up to 15% of total immunoglobulins produced throughout the body. IgA deficiency is linked to autoimmune health problems and allergic reactions. Anti-Human IgA can be used to diagnose problems concerning the immune system, intestines, and kidneys. It is also used to evaluate autoimmune conditions, such as rheumatoid arthritis, lupus, and celiac disease. Kids born with low levels of IgA are exposed to an increased risk of developing an autoimmune condition, infections, asthma, and allergies. Anti-Human IgA (α -chain specific) antibody is used for the development and manufacturing of various qualitative and quantitative assays based on RID, IEP, ELISA, latex enhanced immunoturbidimetric assays, Ouchterlony double diffusion, western blot, and precipitin assay, intending to estimate IgA in various disease conditions in humans.

Specifications:

PARAMETERS

Host

Immunogen

Grade

Physical Appearance

Titre (Reverse Single Radial Immunodiffusion)

Shelf life

Buffer details*

Total Protein (Biuret Method)

Total Protein by OD 280 nm

Specificity

(Immunoelectrophoresis)

Specificity (Ouchterlony)

pH

Storage conditions

ACCEPTANCE CRITERIA

Goat

Human IgA- α chain

Fractionated

Clear, off white to pale yellow liquid without any suspended particles

≥ 6 mg/ml

3 years

Saline with 15mM NaN_3

25 to 150 mg/ml

60 mg/ml

Monospecific to IgA 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.

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Polyclonal Antibodies

Anti-Human IgA Purified

Product Code : 00-ABD-MM-IgA-003



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Specifications:

PARAMETERS

Host

Immunogen

Grade

Physical Appearance

Shelf life

Buffer details*

Total Protein by OD 280 nm

Specificity

(Immunoelectrophoresis)

Specificity (Ouchterlony)

pH

Storage conditions

ACCEPTANCE CRITERIA

Goat

Human IgA- α chain

Protein-G Affinity Purified

Clear, colourless liquid without any suspended particles

3 years

Phosphate buffer saline with 15mM NaN_3 , pH 7.2 ± 0.2

0.5 to 20 mg/ml

Monospecific to IgA 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.

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