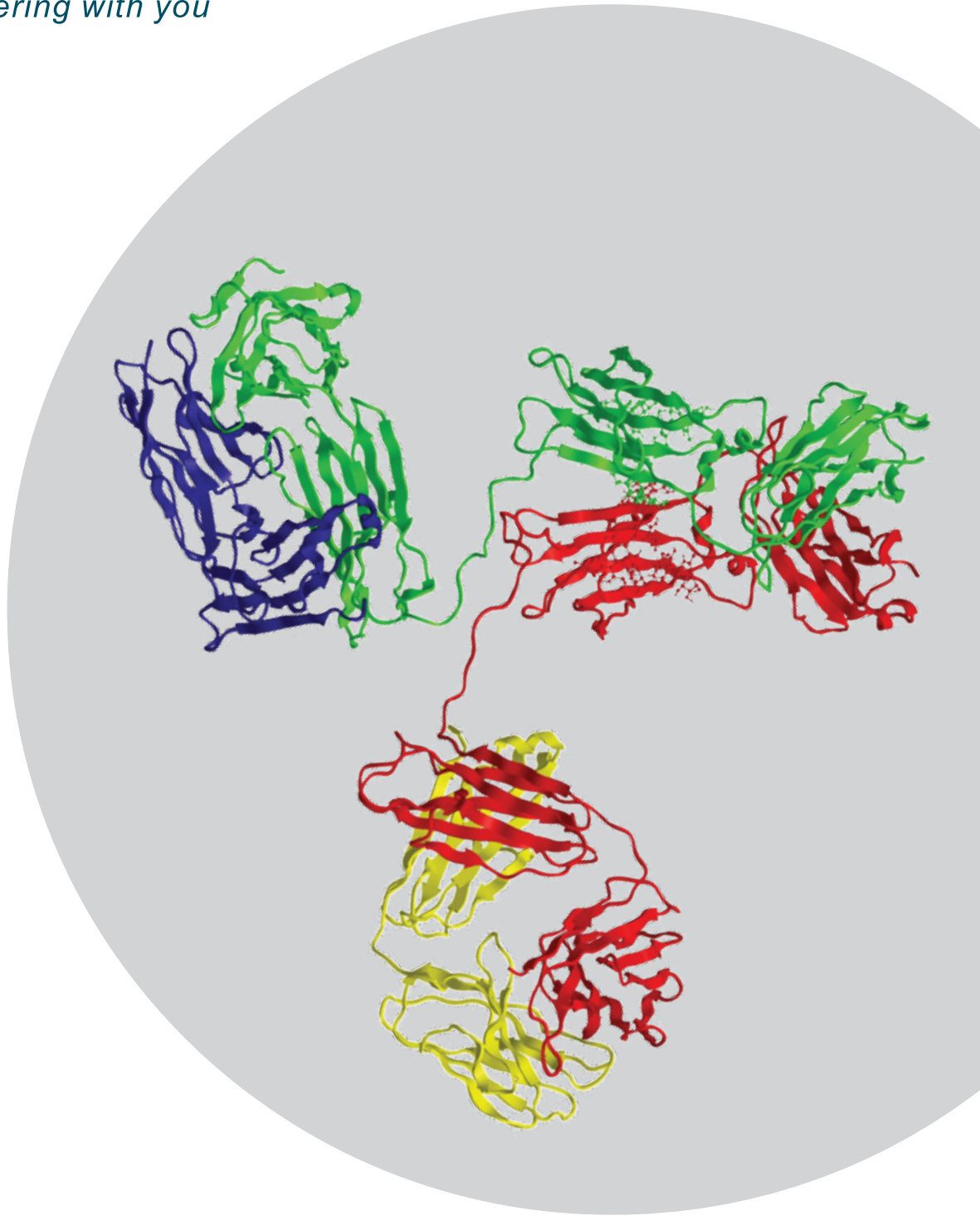




ADVY

Partnering with you



Goat Anti-Human IgA

Goat Anti-human IgA (μ - chain specific)

INTRODUCTION

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.

As a primary manufacturer, Advy can tailor any of its products to your exact specifications.

SALIENT FEATURES

- Manufactured from serum of goats immunized with human IgA whole molecule as immunogen.
- Available in different grades including whole serum, fractionated, and can be customized as per specific requirements.
- Available in bulk quantities.
- Over 13 years of experience in stable manufacturing process ensuring batch to batch consistency.
- Stable for 3 years at 2- 8 °C.
- Processed at EHS compliant facility under ISO 13485: 2016 QMS by our experienced technical staff.
- Labeling compliant with global regulatory requirements.
- Secondary and tertiary packaging validated for cold-chain shipment.

APPLICATIONS

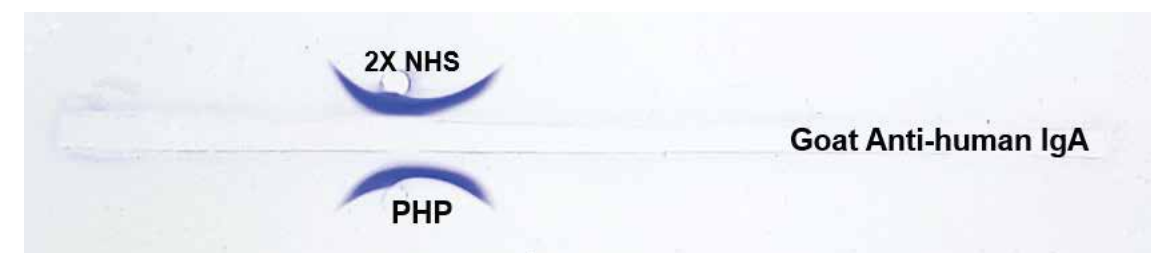
- As a reagent for manufacturing of assays based on Turbidimetry, Nephelometry, Enzyme Linked Immunosorbent Assay (ELISA), Radioimmunoassay (RIA) and Chemiluminescence Immunoassay (CLIA).
- As secondary antibody upon further processing.
- As a primary or secondary antibody in protein detection techniques like Western blot, Immunocytochemistry (ICC) and Immunohistochemistry (IHC).

PRODUCT SPECIFICATIONS

Parameters	Product Description	
Product Name	Goat Anti-human IgA, whole serum	Goat Anti-human IgA, fractionated
Product Code	00-ABD-MM-IGA-001	00-ABD-MM-IGA-002
Host	Goat	Goat
Immunogen	Human IgA whole molecule	Human IgA whole molecule
Grade	Whole serum	Fractionated
Physical Appearance	Straw to brownish yellow clear liquid without any suspended	Clear off-white to pale yellow liquid
Buffer details	Tris saline with 15 mM NaN ₃ (Customizable)	Tris saline with 15 mM NaN ₃ (Customizable)
Titre (By Becker Method)*	≥ 8 mg/ml	≥ 8 mg/ml
Total Protein (By Biuret method)	≥ 50 mg/ml	≥ 25 mg/ml
Protein by OD @280 nm	NA	Customizable
Specificity (Immunoelectrophoresis)	Monospecific to IgA when tested against 2X NHS and PHP	Monospecific to IgA when tested against 2X NHS and PHP
Cholesterol (CHOD enzymatic method)	≤ 50 mg/dl	NA
pH	7.0 to 8.0 (Customer Defined)	7.0 to 8.0 (Customer Defined)
Storage conditions	2 to 8°C	2 to 8°C
Shelf life	3 years	3 years

* Titre is defined as the binding capacity of 1 ml of antibody with "x" mg of immunogen.

MONOSPECIFICITY OF ADVY'S GOAT ANTI-HUMAN IgA: IMMUNO-ELECTROPHORESIS



Monospecific to IgA when tested against 2X Normal human serum (NHS) and Pooled human plasma (PHP).



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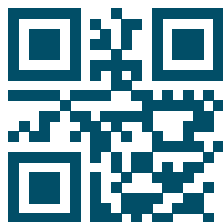
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