

Immunoglobulin A (IgA) from Normal Human Plasma

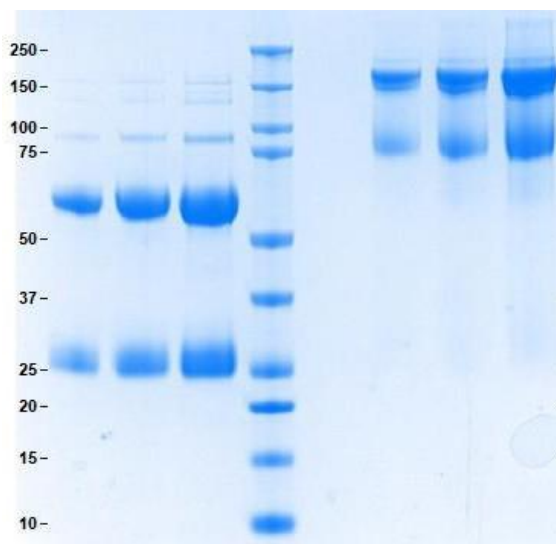
np001084

Store at -20°C long term (>1 year). Upon receipt, it is recommended to aliquot. Avoid freeze/thaw cycle.

Product Introduction

IgA is the most abundant immunoglobulin in body fluids and the second most abundant immunoglobulin in plasma, found at a concentration of 0.4 to 2.2 mg/ml. It plays a very important role in the first specific defense against natural infection. Secretory IgA differs from serum IgA in that it contains two additional peptides: the secretory component and the J chain.

Important: IEP shows no reaction with antisera to human IgG, IgM, IgD, and IgE.



SDS-PAGE
4-12% Bis-Tris gel, 1×MES

1. Immunoglobulin A (IgA) 5 µg (Heated/Reduced).
2. Immunoglobulin A (IgA) 10 µg (Heated/Reduced).
3. Immunoglobulin A (IgA) 20 µg (Heated/Reduced).
4. Standard.
5. Blank.
6. Immunoglobulin A (IgA) 5 µg (Not Heated/Non-Reduced).
7. Immunoglobulin A (IgA) 10 µg (Not Heated/Non-Reduced).
8. Immunoglobulin A (IgA) 20 µg (Not Heated/Non-Reduced).

Product Datasheet

Form: Frozen.

Buffer: Frozen in 100 mM Tris-HCl, pH 8.0, with 100 mM NaCl and 0.05% NaN₃.

Web: <https://www.aladdinsci.com>



Purity: $\geq 95\%$ by SDS-PAGE.

Molecular Weight: 160,000 Da.

Protein Determination: Extinction Coefficient (E) = 1.32(0.1% at 280 nm, 1 cm pathway).

Source: Human Plasma.

Testing: Donor material is obtained from suppliers that perform a comprehensive infectious disease screening panel. Each unit of plasma is tested by the supplier and found non-reactive for HIV-1/2, Hepatitis B surface antigen (HBsAg), Hepatitis C (HCV), Hepatitis A (HAV), and syphilis (RPR). Documentation of testing is maintained and is available upon request.

