

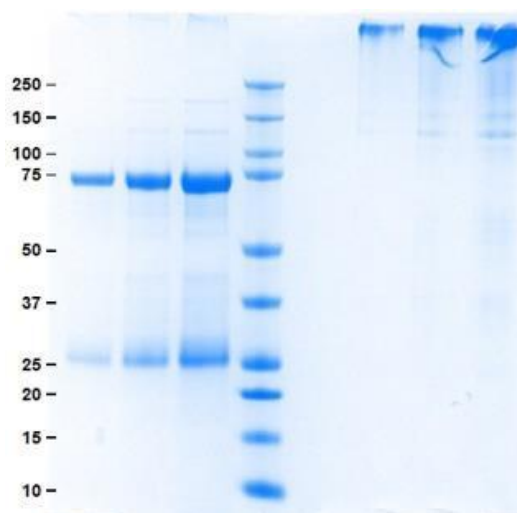
Immunoglobulin M (IgM) from Normal Human Plasma

np001055

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

Product Introduction

IgM is found in normal plasma at a concentration of 1.2 to 4.0 mg/ml. It is the first immunoglobulin produced during the immune response, the first antibody in neonates, and is involved in pathogenesis of autoimmune diseases. A diminished level of IgM is associated with Wiskott-Aldrich syndrome.



SDS-PAGE

4-12% Bis-Tris gel, 1×MES

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

Product Datasheet

Form: Frozen.

Buffer: Frozen in 50 mM Tris-HCl, pH 8.0, with 200 mM NaCl and 0.05% NaN₃.

Purity: ≥ 95% by SDS-PAGE.

Molecular Weight: 950,000 Da.



Protein Determination: Extinction Coefficient (E) = 1.18 (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.

