

5-PROTEIN Euglobulin, 2 mL

Lyophilized Powder, 2 mL

REF 5D-60401B

For Research and Laboratory Use Only.

Store at 2-8°C

DESCRIPTION

Euglobulin fraction from human citrated normal plasma, obtained by acidic precipitation (pH of about 5.9), at cold (2-8°C); dissolution in the initial plasma volume with 0.05M Tris, 0.075M NaCl buffer at pH 7.4. Lyophilized in siliconized vials.

COMPOSITION

Vial containing Euglobulin powder from 2 mL normal human citrated plasma, in a 0.05M Tris, 0.075M NaCl buffer at pH 7.4, and supplemented with 2% mannitol (bulking material for lyophilization).

SOLUBILITY

Soluble in purified water.

Characteristics

Normal euglobulin preparation, containing mainly fibrinolysis activators. Lysis time when tested with "Euglobulin Clot Lysis Time" (ECLT) is >2 hours.

PRINCIPLE

Normal Euglobulin preparation obtained from citrated human plasma, from a normal donor.

PREPARATION

Restore each vial with 2 mL of purified water and incubate for 15 minutes at room temperature, while shaking from time to time, until complete dissolution of the content.

APPLICATIONS

Source of normal human euglobulin preparation for any laboratory research application where it can be needed.

STORAGE AND STABILITY

Lyophilized Euglobulin protein:

- Stable at 2-8°C up to the expiration date printed on the label.

- After reconstitution with distilled water: up to 12 hours stored at 2-8°C or 4 hours at room temperature.

WARNINGS AND PRECAUTIONS

5D-Protein Euglobulin contain material of human origin. Whenever human plasma is required for the preparation of this product, approved methods are used to test the plasma for the antibodies to HIV 1, HIV 2 and HCV, and for hepatitis B surface antigen, and results are found to be negative. However, no test method can offer complete assurance that infectious agents are absent. Therefore, users of this product must exercise extreme care in full compliance with safety precautions in the manipulation of these biological materials as if they were infectious.

Waste should be disposed of in accordance with applicable local regulations.

This in vitro research product is intended for professional use in the laboratory.

For Research and Laboratory Use Only. Not for use in human or direct animal applications.

REFERENCES

Katz J, Lurie A, Becker D, Metz J. The euglobulin lysis time test: an ineffectual monitor of the therapeutic inhibition of fibrinolysis. J Clin Pathol. 1970 Sep;23(6):529-32.

Ilich A, Noubouossie DF, Henderson M, Ellsworth P, Betbadal KF, Campello E, Meeks S, Dunn A, Park MS, Pawlinski R, Simioni P, Shapiro A, Key NS. Development and application of global assays of hyper- and hypofibrinolysis. Res Pract Thromb Haemost. 2019 Nov 6;4(1):46-53.