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ImmunO™

Bovine Thrombin

Catalog #: 82036

Lot #: QR13339

Activity: 88.966 NIH u/mg dry weight

Protein: 51.1 %

pH: 7.1

Moisture: 4.3 %

Reconstitution: For less than 2,000 NIH Units Thrombin/ml use 0.05 M NaCl

For greater than 2,000 NIH Units Thrombin/ml use H₂O

Storage: Store at -20°C. After reconstitution, store at +2-8°C.

Note: Reconstituted product should be used immediately and discarded after 24 hours.

Note: This product was derived from bovine blood and tissue collected at a USDA licensed establishment. The cattle received ante- and post-mortem health inspection at the abattoir by a U.S. Veterinary Services Inspector and they were apparently free from infectious and contagious diseases. All donor animals were sourced from the U.S. Blood collection records are incorporated into the manufacturing batch documents.

References: 1. Owen, C.A., Bowie, E.J.W., Thompson, J.H., "The Diagnosis of Bleeding Disorders", Little Brown and Company, Boston, p 100-101, 1969.

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3. Amris, C.H., Starup, J., "The Coagulation Mechanism in Oral Contraception", **Acta. Obstet. Gynec. Scand.**, **46**, 78, 1967.

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5. Bowman, H.S., "Plasma Fibrinogen Titer ('Thrombin Titer') in Tocantins, L.M. and Kazal, L.A. (Eds.) "Blood Coagulation, Hemorrhage, and Thrombosis" 2d edition, Grune & Stratton, New York, p 221-224, 1964.

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7. Gornall, A.G., Barawill, C.J., David, M.M., "Determination of Serum Proteins by Means of the Biuret Reaction", **J. Biol. Chem.**, **177**, 751, 1949.

8. Schroer, H., "Thrombosis and Bleeding Disorders", Edited by Bang., N.U., et al., Academic Press, New York, p 175-186, 1971.

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10. Ritzmann, S.E., Daniels, J.C., "Serum Protein Abnormalities", Little, Brown and Company, Boston, 1975.

11. Grannis, G.F., "Plasma Fibrinogen: Determination, Normal Values, Physiopathologic Shifts, and Fluctuations", **Clin. Chem.**, **16**, 486, 1970.

A large, stylized handwritten signature in black ink, appearing to read "J. Huang". The signature is written in a cursive, flowing style with a large initial "J" and a long, sweeping tail.

Approved by: *John Huang, PhD*
Quality Control Manager

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