

FUJIFILM

Wako

Code No. 206-18411 (10,000 units)

Thrombin, from Bovine Plasma, Australia/New Zealand Origin

トロンビン, ウシ血漿由来,
オーストラリア/ニュージーランド産

Thrombin is a kind of enzymes involving with blood clotting, and catalyzes the reaction to convert fibrinogen to fibrin.

This product is for laboratory research use only ; use in any such application is the responsibility of the user.

Source : Bovine Plasma, Australia/New Zealand origin

Appearance : Lyophilisate

Activity : Indicated on the label

CAS No. : 9002-04-4

Assay Method

1. Principle

Fibrinogen $\xrightarrow{\text{Thrombin}}$ Fibrin + Fibrinopeptide

2. Measurement method

- 1). Prepare several diluted thrombin standard solutions diluting the thrombin standard preparation with water.
- 2). Incubate the standard solutions at optional temperature between 20 °C and 30 °C, maintaining the temperature at ± 1 °C and add a fibrinogen solution (pre-incubated at the same temperature) to the standard solutions.
- 3). Measure the time until fibrin clot begins to form.
- 4). Make a calibration curve by plotting the units (X axis) and the clotting time (Y axis) on a logarithmic scale.
- 5). Determine the units by measuring the clotting time of this product with the calibration curve.

Trans *

2. 測定方法

- 1). トロンビン標準品を用いて単位異なるトロンビン溶液を調製する。
- 2). 20～30℃の間の任意の温度で ± 1 ℃に保ち、これにあらかじめ同じ温度に保ったフィブリノーゲン溶液を加える。

– 1/2 –

- 3). フィブリリンの凝固が起こるまでの時間を測定する。
- 4). 両対数グラフの横軸（X軸）に単位を、縦軸（Y軸）に凝固時間を取り検量線を作成する。
- 5). この検量線を用いて本品の凝固時間から単位数を算出する。

Reconstitute : Physiological saline or buffering solution near neutral pH

Storage : Store at 2～10 °C as lyophilisate (in the dark)
(Store at – 20 °C in solution)

Package : 10,000 units

* : **Trans** is the Japanese translation.

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– 2/2 –