

Human Thrombin

Thrombine humaine

Vial of 1000 NIH/flacon de 1000 NIH

Ref. EZ006B

STORE AT
2-8°C

CONSERVER A
2-8°C

Lot : **F2000450**

Expiration : **2024-03-09**

ANALYSIS CERTIFICATE / CERTIFICAT D'ANALYSE

ANALYTICAL DATA/RESULTATS D'ANALYSE	SPECIFICATIONS
1. Protein Content / Teneur protéique (Lowry method / Méthode Lowry) 362 µg	≥ 300 µg
2. SDS-PAGE (4-12 % acrylamide) Human thrombin has 1 major band of about: La Thrombine humaine a une bande principale d'environ : 35 000 daltons	1 major band of about 1 bande principale d'≈ 35, 000 daltons
3. Clotting time / temps de coagulation (tested on Fibrinogen/ testé sur Fibrinogène) 8.8 sec	8 ± 3.5 sec.
4. Concentration of thrombin / concentration de la thrombine 951 NIH (chromogenic)	1000 +/- 100 NIH (or IU)
5. Chromogenic activity / Activité chromogénique (on Ila substrate / sur substrat Ila CS-01(38)using Ila at 4NIH) ▪ A405: 1.390 ▪ Activity: 1.04 /min.NIH.mL	A405 ≥ 0.75 /min.NIH.mL
6. Specific activity / Activité spécifique ▪ 2 610 NIH (or IU) /mg (clotting) ▪ 4.72 nkats/µg (chromogenic on CS-01(38)) ▪ 1.80 nkats/NIH (or nkats/IU)	≥ 1 500 NIH (or IU)/mg ≥ 2 nkats/µg ≥ 1 nkat/NIH

*1 NIH is equivalent to 1 International Unit (IU) ("A reunification of the US ("NIH") and International Unit into a single standard for Thrombin", Longstaff et al, Thromb Haemost 2005, 93:261-6).

CONCLUSIONS

DATE : 2020-04-15

Passed/Conforme

Refused/Non-conforme

Quality Control Manager
Responsable contrôle qualité

S. LECOURT