

Human Thrombin

Thrombine humaine

Vial of 10 NIH/Flacon de 10 NIH
Set of 6x10 NIH / Coffret de 6x10 NIH

Ref. EZ0060 /EZ006K

STORE AT
2-8 °C

CONSERVER A
2-8 °C

Lot : **F2000449**

Expiration : **2024-03-09**

ANALYSIS CERTIFICATE / CERTIFICAT D'ANALYSE

ANALYTICAL DATA/RESULTATS D'ANALYSE	SPECIFICATIONS
1. Protein Content / Teneur protéique (Lowry method / Méthode Lowry) <div style="text-align: right;">3.6 µg</div>	≥ 3 µg
2. SDS-PAGE (4-12 % acrylamide) Human thrombin has 1 major band of about: La Thrombine humaine a une bande principale d'environ : <div style="text-align: center;">35 000 daltons</div>	1 major band of about 1 bande principale d'≈ 35, 000 daltons
3. Clotting time / temps de coagulation (tested on Fibrinogen/ testé sur Fibrinogène) <div style="text-align: right;">6.7</div>	8 ± 3.5 sec.
4. Concentration of thrombin / concentration de la thrombine <div style="text-align: right;">9.3 NIH (chromogenic)</div>	10+/- 2NIH (or IU)
5. Chromogenic activity / Activité chromogénique (on Ila substrate / sur substrat Ila CS-01(38)using Ila at 4 NIH) ▪ A405 : 1.367 ▪ Activity : 1.02 /min.NIH.mL	A405 ≥ 0.75 /min.NIH.mL
6. Specific activity / Activité spécifique ▪ 3 100 NIH (or IU) /mg (clotting) ▪ 4.56 nkats/µg (chromogenic on CS-01(38)) ▪ 1.77 nkats/NIH (or nkats/IU)	≥ 1 500 NIH (or IU)/mg ≥ 2 nkats/µg ≥ 1 nkat/NIH
7. Batch homogeneity / Homogénéité de lot: N = 30 CV : 2.8 %	CV ≤ 5%

*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