

Human Thrombin

Thrombine humaine

Set of 10x100 NIH / Coffret de 10x100 NIH

Ref. EZ006A / EZ006L

STORE AT
2-8°C

CONSERVER A
2-8°C

Lot: **F2000915**

Expiration: **2024-06-15**

ANALYSIS CERTIFICATE / CERTIFICAT D'ANALYSE

ANALYTICAL DATA/RESULTATS D'ANALYSE	SPECIFICATIONS
1 Protein Content / Teneur protéique (Lowry method / Méthode Lowry) <p style="text-align: right;">36 µg</p>	≥ 30 µg
2 SDS-PAGE (4-12 % acrylamide) Human thrombin has 1 major band of about: La Thrombine humaine a une bande principale d'environ : <p style="text-align: center;">35 000 daltons</p>	1 major band of about 1 bande principale d'≈ 35,000 daltons
3 Clotting time / temps de coagulation (tested on Fibrinogen/ testé sur Fibrinogène) <p style="text-align: center;">8.3 sec</p>	8 ± 3.5 sec.
4 Concentration of thrombin / concentration de la thrombine <p style="text-align: center;">98 NIH (chromogenic)</p>	100 NIH+/- 10NIH (IU*)
5 Chromogenic activity / Activité chromogénique (on Ila substrate / sur substrat Ila CS-01(38)using at Ila for 4NIH/mL)) <ul style="list-style-type: none"> ▪ A405 : 1.39 ▪ Activity : 1.08 /min.NIH.mL 	A405 ≥ 0.75 /min.NIH.mL
6 Specific activity / Activité spécifique <ul style="list-style-type: none"> ▪ 2825 NIH (or IU) /mg (clotting) ▪ 5.04 nkats/µg (chromogenic on CS-01(38)) ▪ 1.86 nkats/NIH (or nkats/IU) 	≥ 1 500 NIH (or IU)/mg ≥ 2 nkats/µg ≥ 1 nkat/NIH
7 Batch homogeneity / Homogénéité de lot: <p style="text-align: center;">N = 20 CV : 1.6 %</p>	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 : 2020-07-23

Passed/Conforme

Refused/Non-conforme

Quality Control Manager
Responsable contrôle qualité

S. LECOURT