

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 : F1700941

Expiration : 2021-07-31

ANALYSIS CERTIFICATE / CERTIFICAT D'ANALYSE

ANALYTICAL DATA/RESULTATS D'ANALYSE	SPECIFICATIONS
1 Protein Content / Teneur protéique (Lowry method / Méthode Lowry) 37.4 µg	≥ 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 : 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) 10.8	8 ± 3.5 sec.
4 Concentration of thrombin / concentration de la thrombine 90 NIH (chromogenic)	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 : 1.446 ▪ Activity : 1.09 /min.NIH.mL 	A405 ≥ 0.75 /min.NIH.mL
6 Specific activity / Activité spécifique <ul style="list-style-type: none"> ▪ 2010 NIH (or IU) /mg (clotting) ▪ 4.5 nkats/µg (chromogenic on CS-01(38)) ▪ 1.9 nkats/NIH (or nkats/IU) 	≥ 1 500 NIH (or IU)/mg ≥ 2 nkats/µg ≥ 1 nkat/NIH
7 Batch homogeneity / Homogénéité de lot: N = 20 CV : 2.3 %	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 : 2017-09-05

Passed/Conforme

Refused/Non-conforme

Quality Control Manager
Responsable contrôle qualité

S. LECOURT