

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: 110318A

Expiration: 2015-03

ANALYSIS CERTIFICATE / CERTIFICAT D'ANALYSE

ANALYTICAL DATA/RESULTATS D'ANALYSE	SPECIFICATIONS
1. Protein Content / Teneur protéique (Lowry method / Méthode Lowry) 51.9 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) 4.6	5 ± 1 sec.
4. Concentration of thrombin / concentration de la thrombine 95.4 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 : 1.11 ▪ Activity : 0.82 /min.NIH.ml 	A405 ≥ 0.75 /min.NIH.ml
6. Specific activity / Activité spécifique <ul style="list-style-type: none"> ▪ 3064 NIH (or IU) /mg (clotting) ▪ 4.4 nkats/µg (chromogenic on CS-01(38)) ▪ 1.44 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 : 3.3 %	N≥5 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 : 25/05/2011	<input checked="" type="checkbox"/> Passed/Conforme	<input type="checkbox"/> Refused/Non-conforme
		Quality Control Manager Responsable contrôle qualité
J. AMIRAL		