

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 : 141017F

Expiration : 2018-10

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;">59.3 µg</p>	<p>≥ 30 µg</p>
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: right;">35 000 daltons</p>	<p>1 major band of about 1 bande principale d'≈ 35,000 daltons</p>
3. Clotting time / temps de coagulation (tested on Fibrinogen/ testé sur Fibrinogène) <p style="text-align: right;">11</p>	<p>8 ± 3.5 sec.</p>
4. Concentration of thrombin / concentration de la thrombine <p style="text-align: right;">104 NIH (chromogenic)</p>	<p>100 NIH+/- 10NIH (IU*)</p>
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 : 1.853 ▪ Activity : 1.43 /min.NIH.ml 	<p>A405 ≥ 0.75 /min.NIH.ml</p>
6. Specific activity / Activité spécifique <ul style="list-style-type: none"> ▪ 1830 NIH (or IU) /mg (clotting) ▪ 4.31 nkats/µg (chromogenic on CS-01(38)) ▪ 2.46 nkats/NIH (or nkats/IU) 	<p>≥ 1 500 NIH (or IU)/mg ≥ 2 nkats/µg ≥ 1 nkat/NIH</p>
7. Batch homogeneity / Homogénéité de lot: <p style="text-align: center;">N = 35 CV : 3.9 %</p>	<p>N≥5 CV ≤ 5%</p>

*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 :29/10/2014

Passed/Conforme

Refused/Non-conforme

Quality Control Manager
Responsable contrôle qualité

S. LECOURT