

Bovine Thrombin

Thrombine bovine

21 NIH/ Vial / 21 NIH/flacon (BE102A)
Set of 6 vials / Coffret de 6 flacons (BE102K)

Ref. BE102A/BE102K

STORE AT
2-8°C

CONSERVER A
2-8°C

Lot : **FA1768**

Expiration : **2025-08-30**

ANALYSIS CERTIFICATE / CERTIFICAT D'ANALYSE

ANALYTICAL DATA/RESULTATS D'ANALYSE		SPECIFICATIONS
1. <u>Protein Content / Teneur protéique</u> (Lowry method / Méthode Lowry)		
	7.6 µg	≥ 6 µg
2. <u>SDS-PAGE (4-12 % acrylamide)</u> Bovine thrombin has 1 major band of about: La Thrombine bovine a une bande principale d'environ : 35 000 daltons		1 major band of about 1 bande principale d'≈ 35 000 daltons
3. <u>Clotting time / temps de coagulation</u> (tested on Fibrinogen/ testé sur Fibrinogène)		
On purified bovine fibrinogen (5 mg/mL) : sur fibrinogène bovin purifié (5 mg/mL) : 8.6 sec.		≤12 sec.
On purified human fibrinogen (5 mg/mL): sur fibrinogène humain purifié (5 mg/mL): 6.6 sec.		≤12 sec.
4. <u>Clotting activity / Activité coagulante</u> (respectively to the WHO/NIBSC standard for (h)IIa)*		
	22.2 NIH (or IU)*	≥ 18 NIH (or IU)
5. <u>Chromogenic activity / Activité chromogénique</u> (on IIa substrate / sur substrat IIa CS-01(38))		
▪ A405 (NIH/mL) : 0.403		
▪ Activity : 1.21 /min.NIH.mL		A405 > 1.20 /min.NIH.mL
6. <u>Specific activity / Activité spécifique:</u>		
▪ 2855 NIH (or IU)/mg (clotting)		≥ 900 NIH (or IU)/mg
▪ 5.6 nkats/µg (chromogenic on CS-01(38))		≥ 2 nkats/µg
▪ 2.0nkats/NIH (or nkats/IU)		≥ 1 nkat/NIH
7. <u>Batch homogeneity / Homogénéité de lot:</u>		
N = 5 CV : 3.3 %		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 : 2021-10-05

☒ Passed/Conforme

☐ Refused/Non-conforme

Quality Control Manager
Responsable contrôle qualité

NAME **S.LECOURT**