



您的蛇毒酶专家

- 长达60多年的蛇毒酶相关经验
- Protac®的发明者与生产者
- 所有基于蛇毒的凝血与血小板聚集激活剂
 - 巴曲酶 (Batroxobin)
 - Ecarin
 - Protac
 - RVV-V
 - RVV-X
 - Convulxin
- 自有的蛇毒生产基地，蛇场规模达上千条
- 生产源于蛇毒的原料药

源于蛇毒的天然激活剂

血浆中的凝血因子通常都是无活性的，在凝血或发色测试中，第一步就需要蛋白水解激活。凝血因子的激活过程中，高纯度并具有特异性的蛇毒酶的效果超出了其他大部分非生理性激活剂。与其他激活剂相比，蛇毒酶不依赖辅因子，磷脂和钙离子，所以可以开发出更加简单并且特异性更强的分析方法。

凝血因子的激活剂

巴曲酶 (Batroxobin)

- 来源：矛头蝮 (Bothrops atrox, 巴西矛头蝮)
- 用于测定血浆中与蛇毒凝血酶时间 (Reptilase®-Time) 中的纤维蛋白原
- 使纤维蛋白原的 α -链断裂，释放出纤维蛋白肽A，导致凝块形成



Ecarin

- 来源：锯鳞蝰 (Echis carinatus)
- 用于凝血酶原活性测定与水蛭素的定量测定
- 特异性的激活凝血酶原成meizothrombin的形式



Protac®

- 来源：铜斑蛇 (Agkistrodon contortrix)
- 用于相关测试中凝血蛋白C与辅因子蛋白S的测定
- 迅速将人类与其他脊椎动物的蛋白C转化为激活的蛋白C



RVV-V

- 来源：拉塞尔蝰蛇 (Daboia russelli)
- 用于Pefakit® APC-R 与Pefakit PiCT®
- 特异性激活凝血因子V，不受抗凝血酶抑制



RVV-X

- 来源：拉塞尔蝰蛇 (Daboia russelli)
- 用于凝血因子X的测定与狼疮抗凝物 (dRVVT) 的筛查分析
- 定量地将凝血因子X转化为因子Xa，并且含有微弱的蛋白C和凝血因子IX的激活能力



血小板凝集的激活剂

Convulxin

- 来源：南美响尾蛇 (Crotalus durissus)
- 用于血小板凝集测试
- 在生理条件下，通过与GPVI受体结合及聚合GPVI受体，激活人类血小板



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