



碧云天生物技术/Beyotime Biotechnology  
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## Proteinase K (20mg/ml)

产品编号	产品名称	包装
ST533-0.2ml	Proteinase K (20mg/ml)	0.2ml
ST533-1ml	Proteinase K (20mg/ml)	1ml
ST533-5ml	Proteinase K (20mg/ml)	5ml

### 产品简介:

- Proteinase K, 中文名为蛋白酶K。不含DNase, 不含RNase, 进口分装, 可直接使用。可以用于消化各种蛋白。用于各种常见的分子生物学、细胞生物学等相关实验, 例如基因组DNA抽提、酶的消化去除等。
- 酶活力, >30U/mg。在37°C, 以血红蛋白为底物, 1分钟内可以产生相当于1微摩尔酪氨酸Folin阳性的氨基酸或多肽的蛋白酶K的量, 定义为一个单位蛋白酶K酶活力。
- 在很宽的pH范围内有效, 有效的pH范围为pH4.0-12.5, 最佳pH范围为pH7.5-8.0。
- 蛋白酶K的最佳反应温度为65°C, 但在65°C或更高的温度蛋白酶K自身的也非常迅速地降解。很多时候反应温度选择50-55°C。
- 在0.2-1%SDS或约10mM尿素存在的情况下, 蛋白酶K显示更高的酶活性。蛋白酶K的常用工作浓度为0.05-1mg/ml, 根据所用缓冲液是否含有SDS、尿素、pH是否适合、温度是否适合等因素确定具体的工作浓度。
- 常用浓度的EDTA、Triton X-100、Tween 20、Sarkosyl、盐酸胍对蛋白酶K的活力影响不大。
- 如果需要把20mg/ml的蛋白酶K稀释成一定浓度, 推荐用P0106 免疫染色洗涤液或10mM Tris-HCl pH7.4-7.8进行稀释。

### 包装清单:

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ST533-0.2ml	Proteinase K (20mg/ml)	0.2ml
ST533-1ml	Proteinase K (20mg/ml)	1ml
ST533-5ml	Proteinase K (20mg/ml)	5ml
—	说明书	1份

### 保存条件:

-20°C保存。

### 注意事项:

- 本产品仅限于专业人员的科学研究用, 不得用于临床诊断或治疗, 不得用于食品或药品, 不得存放于普通住宅内。
- 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

### 使用本产品的文献:

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