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## SDS-PAGE蛋白上样缓冲液(5X)

产品编号	产品名称	包装
P0015L	SDS-PAGE蛋白上样缓冲液(5X)	15ml

### 产品简介:

- SDS-PAGE蛋白上样缓冲液(SDS-PAGE Sample Loading Buffer, 5X), 是一种经过改良的以溴酚蓝为染料, 5倍浓缩的蛋白上样缓冲液。
- 可以用于常规的SDS-PAGE蛋白样品的上样。

### 包装清单:

产品编号	产品名称	包装
P0015L	SDS-PAGE蛋白上样缓冲液(5X)	15ml
—	说明书	1份

### 保存条件:

-20°C保存, 至少一年有效。

### 注意事项:

- SDS-PAGE蛋白上样缓冲液(5X)中含少量DTT, 有轻微刺激性气味, 但不含剧毒的巯基乙醇。
- SDS-PAGE蛋白上样缓冲液(5X)必须完全溶解后再使用。
- 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。

### 使用说明:

1. 在室温或不超过37°C的水浴中溶解SDS-PAGE上样缓冲液(5X)。水浴溶解后立即室温存放, 尽量避免长时间置于水浴中。
2. 按照每4微升蛋白样品加入1微升蛋白上样缓冲液(5X)的比例, 混合蛋白样品和蛋白上样缓冲液(5X)。
3. 100°C或沸水浴加热3-5分钟, 以充分变性蛋白。

**注意:** 如果起始时细胞或组织的用量较大, 基因组DNA含量较高, 煮沸3-5分钟后有可能仍然比较粘稠或者有粘稠状的半透明物体。此时需要再煮沸5-10分钟或者加入适量稀释成1X的蛋白上样缓冲液后再煮沸3-5分钟。充分煮沸后一方面可以使结合在基因组DNA上的蛋白充分释放, 同时会导致基因组DNA的部分断裂从而使粘稠感消失, 这样就不会影响后续的上样操作了。

4. 冷却到室温后, 直接上样到SDS-PAGE胶加样孔内即可。
5. 通常电泳至蓝色染料到达胶的底端处附近即可停止电泳。

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