

DEPC 处理水(0.1%)

产品简介:

DEPC 中文名称为焦碳酸二乙酯, 英文名称为 Diethyl pyrocarbonate, 分子式为 $C_6H_{10}O_5$, 分子量为 162.1。DEPC 和 RNA 酶的活性基团组氨酸的咪唑环结合使蛋白质变性, 从而抑制酶的活性, 是 RNA 酶的化学修饰剂, 常用于生物实验中 RNA 的提取, 但需要注意的是 DEPC 是一种潜在的致癌物质, 有刺激性, 对眼睛和气道粘膜有强刺激性。

DEPC 处理水又称 DEPC 水, 不同于 DEPC, Leagene DEPC 处理水是用 0.1%DEPC 处理过的 MiliQ 纯水或去离子水, 并经 15psi 高压蒸汽灭菌处理, 有特殊气味, 基本上不含 DEPC, 99.9%以上是水, DEPC 处理水可用于 RNA 沉淀的溶解, 含有 RNA 的各种反应体系如反转录、siRNA 的退火等, 以及其它各种要求无 RNase 的反应体系。该试剂仅用于科研领域, 不适用于临床诊断或其他用途。

产品组成:

名称 \ 编号	编号		
	NR0001	NR0001	Storage
DEPC 处理水(0.1%)	100ml	500ml	RT
使用说明书	1 份		

注意事项:

- 1、如果每次的使用量很小, 可以适当分装后再使用。
- 2、戴一次性手套、口罩操作, 以防 RNase 污染。
- 3、为了您的安全和健康, 请穿实验服并戴一次性手套操作。
- 4、试剂开封后请尽快使用, 以防影响后续实验效果。

有效期: 12 个月有效。

相关产品:

产品编号	产品名称
NH0008	Denhardt's 溶液(50×)
NH0053	变性鲑鱼精 DNA(10mg/ml)
NR0040	RNase A(10mg/ml)
OR0001	pH 标准缓冲溶液(pH=4.00)
TC0713	葡萄糖检测试剂盒(GOD-POD 比色法)

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- 9、 Tong Lei,Xiaoshuang Zhang,Peng Chen,et al.Proteomic profile of human dental follicle stem cells and apical papilla stem cells.Journal of Proteomics.August 2020.10.1016/j.jprot.2020.103928.(IF 3.509)
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