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Poly-D-lysine溶液

产品编号	产品名称	包装
C0312	Poly-D-lysine溶液	2mg

产品简介:

- Poly-D-lysine的中文名为多聚赖氨酸, 简称PDL。本Poly-D-lysine为Poly-D-lysine hydrobromide, 分子式为D-Lys-(D-Lys)_n-D-Lys · xHBr, 分子量为150,000-300,000, CAS Number 27964-99-4。
- 本产品为已经配制好的Poly-D-lysine溶液, 并经过滤除菌处理, 可以直接稀释后用于细胞或组织培养方面的实验。
- 分子量大于70,000的多聚赖氨酸可以用于促进细胞贴壁生长, 本产品可以用于促进细胞的贴壁生长。

包装清单:

产品编号	产品名称	包装
C0312	Poly-D-lysine溶液(5mg/ml)	0.4ml
—	说明书	1份

保存条件:

-20°C保存。

注意事项:

- Poly-D-lysine和Poly-L-lysine都可以用于促进细胞的贴壁生长。Poly-L-lysine可以被某些细胞所消化并吸收, 摄入过多的Poly-L-lysine会产生一定的细胞毒性。如果遇到Poly-L-lysine有细胞毒性的情况, 可以考虑选购Poly-D-lysine。
- 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. 根据实验需要把本Poly-D-lysine溶液稀释至适当浓度溶液后即可使用。不同的细胞, 多聚赖氨酸铺被(Coating)的时间和浓度, 甚至稀释液的选择有所不同, 请自行参考相关文献进行适当的铺被。
2. 多聚赖氨酸用于细胞培养时, 较为常用的铺被(Coating)浓度为0.1mg/ml, 即可以把本产品稀释50倍后使用。铺被至少5分钟, 有些实验需要铺被1-2小时, 有些情况则需要铺被过夜。随后吸除多聚赖氨酸溶液, 干燥培养器皿, 至肉眼观察完全干燥。通风橱内吹风数分钟即可完成干燥, 对于有些实验则需要干燥2小时或更长时间。干燥时间较长通常会更加有利于后续的细胞粘附。随后即可直接进行细胞培养, 也可以用水、PBS或培养液等适当溶液润洗后再进行细胞培养。

使用本产品的文献:

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Version 2024.03.12