

组织细胞固定液(4% PFA)

产品简介:

固定的目的在于保存细胞和组织的原有形态结构, 固定剂能阻止内源性溶酶体酶对自身组织和细胞的自溶、抑制细菌和霉菌的生长, 固定液分为醛类固定液、汞类固定液、醇类固定液、氧化剂类固定液、苦味酸盐类固定液等, 较为常用的是醛类中的福尔马林、醇类中的乙醇。

Leagen 组织细胞固定液(4% PFA)又称多聚甲醛固定液(4% PFA), 主要由多聚甲醛、磷酸盐、去离子水等组成, pH 值为 7.0~7.4, 该固定液适合于绝大多数组织和细胞的固定, 不适用于动物的活体灌注固定。本产品是免疫组织化学和培养细胞固定中最常用的固定液之一, 它能较好的保护组织和细胞的形态结构以及核酸。该试剂仅用于科研领域, 不宜用于临床诊断或其他用途。

产品组成:

名称	编号		Storage
	DF0135	DF0135	
组织细胞固定液(4% PFA)	100ml	10×10ml	RT
	500ml	10×30ml	
	5L	10×500ml	
	2×5L	6×500ml	
	25L	20×500ml	
使用说明书	1 份		

操作步骤(仅供参考):

- 1、一般组织固定时间控制在 4~12h, 大标本应适当延长固定时间。
- 2、培养细胞或细胞爬片固定时间控制在 10~15min, 特殊情况除外。
- 3、10×10ml、10×30ml 规格的产品, 可固定后直接放入试剂瓶, 4°C 长期保存。

注意事项:

- 1、组织细胞固定液(4% PFA)有一定刺激性和腐蚀性, 一经开启, 储存过久固定效果易下降。
- 2、本产品不适用于动物的活体灌注固定。
- 3、避免过度延长固定时间, 否则引起生物大分子过度交联; 取材厚度不同, 固定时间不同。
- 4、固定液的容量应足够, 一般固定液与组织块的体积比率应大于 10: 1。

- 5、 温度对固定的影响很明显，提高温度可以加速固定作用，但温度不宜过高。
- 6、 取出新鲜组织后，应及时固定，无法及时固定时，应保存于生理盐水中及时送检。
- 7、 为了您的安全和健康，请穿实验服并戴一次性手套操作。
- 8、 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。常温运输和保存。

相关产品：

产品编号	产品名称
CS0001	ACK 红细胞裂解液(ACK Lysis Buffer)
DC0032	Masson 三色染色液
DF0126	甲醇-乙酸固定液(3:1)
NR0001	DEPC 处理水(0.1%)
PS0013	RIPA 裂解液(强)
PW0082	丽春红 S 染色液(1×Ponceau S)
TC0713	葡萄糖检测试剂盒(GOD-POD 比色法)

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