

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。

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	DF0135				Storage
组织细胞固定液(4% PFA)	25×15ml	500ml	25×500ml	2×5L	RT
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℃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
DA0048	肥大细胞染色液(醛品红-橙黄 G 法)
DA0098	迪夫快速染色液(Diff-Quik Stain)
DA0800	抗荧光淬灭封片液(含 DAPI)
DA1203	精子核蛋白染色液(伊红-苯胺蓝法)
DB0057	软骨染色液(甲苯胺蓝法)
DB0082	改良番红 O-固绿软骨染色液
DC0023	网状纤维染色液(改良 Gordon-Sweets 法)
DC0032	Masson 三色染色液
DC0041	天狼星红染色液
DC0066	改良 Weigert 弹力纤维染色液
DC0080	Russell 改良 Movat 五色套染染色液
DD0002	EDTA 脱钙液(10%)
DD0008	Plank-Rychlo 脱钙液
DD0210	快速脱钙液(组织病理专用)
DE0038	α -乙酸萘酚酯酶染色液(α -NAE 法)
DF0010	Bouin's 固定液
DF0135	组织细胞固定液(4% PFA)
DF0220	眼球固定液
DF0420	致畸试验固定液(骨骼检查)
DG0005	糖原 PAS 染色液
DG0041	阿利新蓝染色液(pH2.5)
DG0075	纤维素染色液(改良 MSB 法)
DG0100	改良 Hale 胶体铁黏多糖染色液
DH0110	苏木素-伊红(HE)高清恒定染色试剂盒(高清恒染)
DJ0010	普鲁士蓝染色液(DAB 增强法)
DK0009	Luxol Fast Blue 髓鞘染色液
DL0011	改良油红 O 染色液
DM0016	增强革兰氏染色液
DM0310	卡尔科弗卢尔荧光增白剂
DP0045	植物超氧阴离子染色液(NBT,pH7.4)
DP0412	木质素染色液(间苯三酚法)
DP0521	植物胼胝质染色液(苯胺蓝荧光染色法)
DP1218	植物组织透明液(快速)
DS0001	钙盐染色液(茜素红 S 法)
DZ2000	OCT 冰冻切片包埋剂
DZ2013	环保脱蜡液
DZ2024	油镜油/浸镜油
IH0270	甘油明胶封固液
IH0305	柠檬酸钠抗原修复液 (50 $\times$)

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