

人工脑脊液(aCSF)

产品简介:

人工脑脊液其英文表述为 Artificial Cerebrospinal Fluid, 简称 aCSF, 离子浓度、pH 值和渗透压与人类脑脊液相似, 可模拟脑脊液环境, 因此又称脑脊液模拟液。aCSF 避免了用生理盐水灌注的许多副作用, 是临床上应用更加安全的冲洗液或灌洗液或者当脑脊液流失时用作补充液, 人工脑脊液通常用作 CSF 的替代物, 可在脑片灌注过程中保护中间神经元。在科研中人工脑脊液常用来维持 pH 平衡和维持组织氧输送、大鼠脑微透析实验、用作海马组织切片的培养等, 亦可用大鼠脑外伤灶局部冲洗治疗、研究脑外伤的治疗果等。

Leagene 人工脑脊液(aCSF)由氯化钠、氯化钙、氯化镁、磷酸氢二钠、碳酸氢钠和葡萄糖等组成, 为无色透明液体, 其 pH 值为 7.3~7.4, 可直接使用。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	
	CZ0546	Storage
人工脑脊液(aCSF)	500ml	4°C
使用说明书	1 份	

操作步骤(仅供参考):

- 1、根据实验需求, 人工脑脊液作为灌洗液, 通常选择于伤后 30 min 开始对伤灶分别以 37°C 的生理盐水和人工脑脊液进行灌洗治疗。
- 2、如果进行其他实验, 应根据具体实验方案进行操作。

注意事项:

- 1、人工脑脊液(aCSF)为非无菌溶液, 如需无菌, 可用滤膜过滤除菌后使用。
- 2、人工脑脊液(aCSF) 4°C 保存, 禁止冻存。
- 3、临用时提前半小时取出, 放在 37°C 的二氧化碳孵育箱孵育。
- 4、该试剂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。
- 5、试剂开封后请尽快使用, 以防影响后续实验效果。
- 6、为了您的安全和健康, 请穿实验服并戴一次性手套操作。

有效期: 3 个月有效。低温运输, 4°C 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)
CZ0200	人工小肠液
CZ0410	改良 SBF 模拟体液(无菌)
DM0007	瑞氏-姬姆萨复合染色液
DP0013	GUS 染色液(即用型)
PW0053	Western 抗体洗脱液(碱性)
TC0699	植物总糖和还原糖检测试剂盒(DNS 比色法)

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