



Technical Data Sheet / 技术说明书

B-27 Supplement (50×)

B-27 添加剂 (50×)

Catalog Number / 货号: S002

Regulatory Status: For Research Use Only (仅供科研使用)

Product Overview / 产品概览

B-27 Supplement is a serum-free supplement designed to support the growth and vitality of embryonic, postnatal, and adult cells, as well as neurons in the hippocampus and other parts of the central nervous system. B-27 Supplement is provided in a 50-fold concentrated liquid form, and is used in conjunction with Neurobasal™ medium for neuronal cell culture, eliminating the need for astrocyte feeder layers. B-27 Supplement contains various antioxidants that can reduce reactive oxygen species-induced damage. (B-27 Supplement 是一种无血清补充剂, 用于支持胚胎、出生后、成年细胞的生长和活力, 海马体和其他中枢神经系统神经元。B-27 补充剂以 50 倍浓缩的液体形式提供, 搭配使用 Neurobasal™ 培养基培养基进行神经元细胞的细胞培养, 无需星形胶质细胞饲养层。B-27 Supplement 包含多种抗氧化剂, 可减少活性氧损伤。)

Product Information / 产品信息

Cat	Kit components	Specifications	Usage & Storage
S002	B-27 Supplement	10 mL	Stored in the dark at -15~-25 °C, with a shelf life of 12 months

Medium Preparation / 培养基的配制

1. Thaw B-27 Supplement at 4°C (在 4°C 解冻 B-27 Supplement。)
2. Add 2% B-27 Supplement to the neuronal basal medium. (向神经元基础培养基中加入 2% 的 B-27 Supplement。)
3. Add different amino acids or other necessary supplements according to different needs. (根据不同的需求加入不同的氨基酸或其它必须的补充剂成分。)

Precautions / 注意事项



- If the dosage per use is small, this product can be repackaged and stored at -15 to -25°C to avoid repeated freeze-thaw cycles. (如每次使用剂量较少, 可将本产品分装后置于-15~-25°C保存, 避免反复冻融。)
- The prepared medium can be stored at 4°C for no more than 1 week. (配制好的培养基可置于4°C保存, **保存期限不超过1周**。)
- This product is for research or further study only, not for diagnosis and treatment. (本产品仅用于科研或进一步研究使用, 不用于诊断和治疗。)

Contact & Support / 联系方式

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