



## ECGM 内皮细胞培养基

货号: P1001

内皮细胞培养基是一种低血清内皮细胞完全培养基, 适合血管内皮细胞和永生化的内皮细胞株。

内皮细胞培养基经10种人各部位的内皮细胞的测试和优化, 经无菌, 无支原体, 无内毒素检测, 添加肝素, 内皮生长因子, 胰岛素, 抗氧化剂, 皮质醇等组分, 为了实现细胞的正常的新陈代谢过程, 培养基尽量减少生长刺激的因子组分。

基础培养基: 500ml(P1000), 细胞生长因子 (ECGS) : 5ml (P1002), 胎牛血清: 25ml (SD0200), G/A: 5ml(SD0038)

### 其中

P1001-NG是无糖的培养基系列,

P1001-NL是无谷氨酰胺的培养基系列,

P1001-M是小鼠内皮培养系列,

P1001-R是大鼠内皮系列

备注: 100ml瓶装无套件, 为整瓶配制

**保存和运输:** 基础4°保存与运输, 添加物干冰运输, -20°以下保存为佳

**声明:** 产品仅科研使用,提取原代细胞的时候尽量额外添加5%的FBS,生长因子请置于4°的环境下解冻

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### 产品技术规格:

**PH:**7.00 - 7.60

**渗透压:** 320.00 - 360.00mOsm/Kg

**内毒素低于:** <0.05EU/ML

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### 分装方法:

| 试剂                       | 规格    | 数量 | 分装方法<br>(分两份)  | 分装方法<br>(分五份)  | 储存     |
|--------------------------|-------|----|----------------|----------------|--------|
| 内皮细胞基础培养基                | 500mL | 1瓶 | 用时倒250mL, 共倒2次 | 用时倒100mL, 共倒5次 | 4° C   |
| 细胞生长因子 (ECGS)            | 5mL   | 1瓶 | 一次性分装2份        | 一次性分装5份        | -20° C |
| 胎牛血清                     | 25mL  | 1瓶 | 一次性分装2份        | 一次性分装5份        | -20° C |
| 庆大霉素-两性霉素B<br>混合溶液(100x) | 5mL   | 1瓶 | 一次性分装2份        | 一次性分装5份        | -20° C |



### 培养基优势:

1. BBB实验首选共培养培养基，适用于大部分血管内皮细胞的培养，扩增和传代，还分大小鼠和人源的哦。
2. 细化分类，分为人源，大鼠源，小鼠源内皮培养系列。
3. 大罐过滤灌装，采用人工称量后再进行自动称量，保持各化学组分均衡反应与充分结合，保质期一年，避免存放过久氨基酸降解及激素变性。
4. 采用小分子化合物抑制杂细胞生长，添加促内皮生长因子让内皮细胞生长。
5. 经60多种内皮细胞验证生长速度；可平替进口品牌。
6. 低血清组分减少血清在细胞内的干扰。
7. 套装发货，配制简单，使用方便。

### 产品使用参考文献/Publications

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8. Chimpanzee adenovirus-mediated multiple gene therapy for age-related macular degeneration



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<https://doi.org/10.2147/IJN.S359156>

12. Exploring PU.1 as a Therapeutic Target to Mitigate Oxidative Stress and Inflammation in Peritoneal Dialysis -Induced Peritoneal Fibrosis

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13. A bilayer dissolving microneedle for Co-delivery of Bletilla striata polysaccharide and resveratrol to promote synergistic wound healing

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14. Biomimetic nanoparticles facilitate homologous targeting and radiosensitivity in glioblastoma cells

<https://doi.org/10.1016/j.mtnano.2025.100676>

15. M2 Macrophage-Derived Migrasomes Mediate Ischaemia-Induced Retinal Neovascularization by Targeting TREM2,First published: 31 October 2025

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16.X.Xu, L.Guan, B.Tayier, et al. "Preliminary Study of a Ninj1-Loaded Bimodal Ultrasound/NIR Fluorescence Targeted Molecular Probe for Diagnosing Early-Stage Inflammation in Coronary Microvascular Dysfunction." Advanced Healthcare Materials15, no. 15 (2026): e03403.

<https://doi.org/10.1002/adhm.202503403>

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上海启达生物科技有限公司

*Shanghai QiDa Biotechnology Co., LTD*