

完美替代  
Matrigel



# Extragel Matrix

**Scilia Extragel Matrix** 是由從小鼠腫瘤組織中萃取的基底膜成分形成的matrix hydrogel，可完整替代Matrigel。Extragel Matrix 在 4 °C 時為液體，但加熱至 37 °C 時呈凝膠狀。這種轉變現象是可逆的，4°C放置過夜可再次液化。Extragel Matrix 可應用於類器官的生長、分化、代謝和毒理，體內外血管生成實驗，免疫缺陷小鼠的腫瘤形成實驗。可溶解於預冷至4°C的基礎培養基中，類器官可從Extragel Matrix中釋放出來。

- 1ml包裝，更方便使用
- 批次一致性高
- 與其他細胞培養基相容
- 供應穩定充足



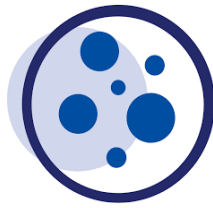
2D,3D培養及類器官



血管新生研究



活體腫瘤應用

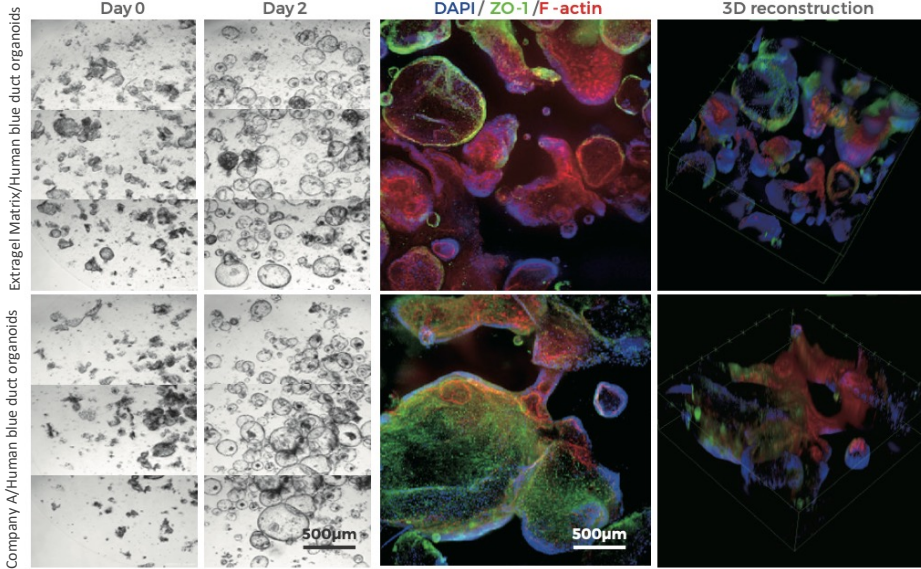


幹細胞培養及分化

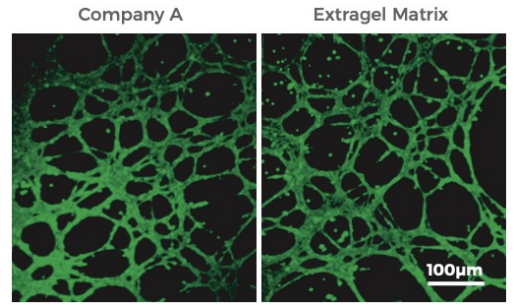
每一批次都經過高標準品管

- 蛋白濃度：≥8 mg/mL
- 37 °C下30分鐘內完成凝膠化
- Neurite outgrowth and organoid growth 功能確效
- Fungi, Bacteria and Mycoplasma-free
- LDEV-free
- Endotoxin ≤4 EU/mL

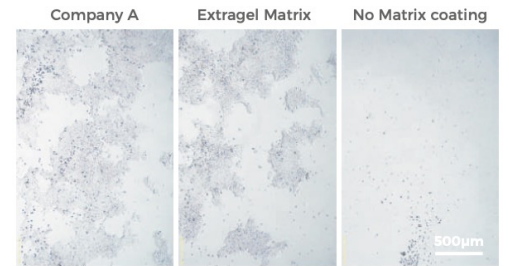
## Scilia Extragel Matrix support 3D organoids culture



## Angiogenesis of HUVEC on Scilia Extragel Matrix



## Maintenance of pluripotency of hESC clones on Scilia Extragel Matrix



**Extragel**  
高品質，不缺貨

## Scilia Extragel

Corning Matrigel

品名	規格	貨號	包裝	對應貨號
Extragel Matrix	with Phenol Red	SEM-S01-ph	1 mL*10	356234 / 354234 / 356235 / 356232 / 356254 / 356255 (organiod)
		SEM-S02-ph	1 mL*5	
	Phenol Red-Free	SEM-S01	1 mL*10	
		SEM-S02	1 mL*5	
Extragel Matrix, High Concentration	with Phenol Red	SEM-H01-ph	1 mL*10	354248
		SEM-H02-ph	1 mL*5	
	Phenol Red-Free	SEM-H01	1 mL*10	354262
		SEM-H02	1 mL*5	
Extragel Matrix, Reduced Growth Factor	with Phenol Red	SEM-R01-ph	1 mL*10	356230 / 354230 / 356252 / 356253
		SEM-R02-ph	1 mL*5	
	Phenol Red-Free	SEM-R01	1 mL*10	356231 / 356238 / 356239
		SEM-R02	1 mL*5	
Extragel Matrix, High Concentration, Reduced Growth Factor	with Phenol Red	SEM-HR01-ph	1 mL*10	354263
		SEM-HR02-ph	1 mL*5	
	Phenol Red-Free	SEM-HR01	1 mL*10	
		SEM-HR02	1 mL*5	
Extragel Matrix, hESC-Qualified	with Phenol Red	SEM-I01-ph	1 mL*10	354277 / 356277 / 356278
		SEM-I02-ph	1 mL*5	
	Phenol Red-Free	SEM-I01	1 mL*10	
		SEM-I02	1 mL*5	