VitroGel®

TheWell BIOSCIENCE

웅비메디텍 WOONGBEE.COM

· Xeno-free · 2D / 3D Matrix

20 MIN

3D cell Culture 과정, 단 20분!!
(includes a 10-15 min waiting time for hydrogel stabilization)

Add cells | Wait 10-15 min | Add top medium & incubate

Cell harvesting
releasing buffer가 따로 필요없다!
손쉽게 Harvest가능!

Injectable
Tumor Xenograft 추천!!

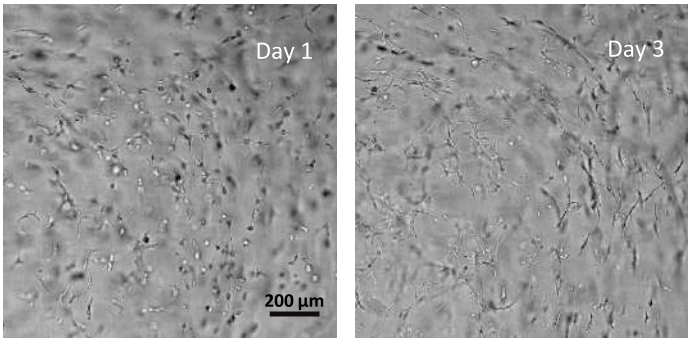
Ready-to-use
Room Temp 안정!!!

Fast gelation

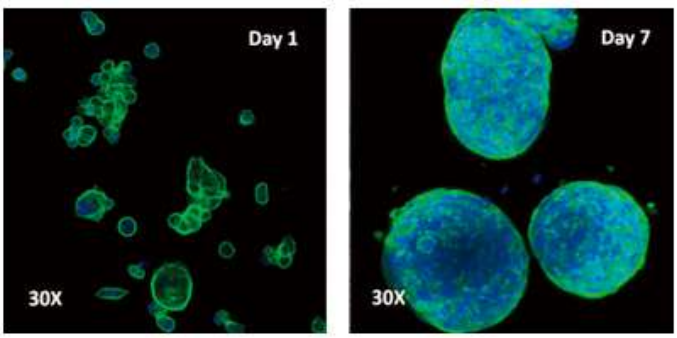
Transparent

Permeable

제품 상담 및 문의: 02-881-5432 techserv@woongbee.com

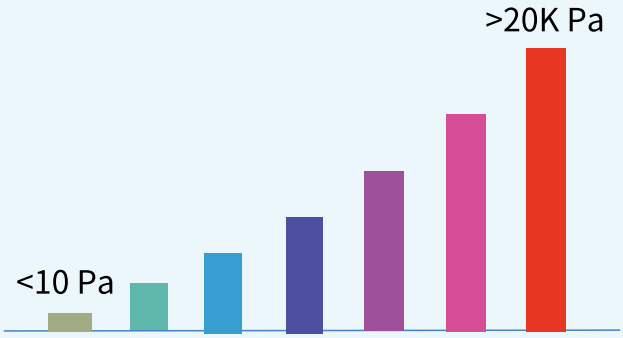


3D Cell culture bone marrow cells (OP9) in VitroGel



Human colon cancer cells (HCT 116) cells cultured on top of VitroGel hydrogel

Tunable hydrogel strength



10 ~ 4000 Pa of G' of regular products at dilutions. Customized high concentration product to reach over 20K Pa

Comparison Benefits Chart

	VitroGel	Basement membrane matrix	Polymer matrix	Hanging Drop Plate
Ready-to-use	✓	X	✓	✓
Mimic Natural ECM	✓	✓	X	X
No undesired growth factors	✓	X	✓	✓
Room temperaure operation	✓	X	✓	✓
Neutral pH	✓	X	N/A	N/A
Cell harvesting	✓	X	X	✓
Transparent	✓	✓	X	✓
Modifiable for cell adhesion	✓	✓	✓	X
Control hydrogel stiffness	✓	✓	X	X
Injectable	✓	✓	X	X

VitroGel™
Cell Recovery Solution

- **Fast - VitroGel 로 부터 15분 내 Cell recovery**
- **SAFE – Maintain High Cell Viability**
- **Enzyme Free**
- **Neutral pH**
- **Works at 37 °C**
- **Store at 15-30 °C**

References

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** Order Information

Cat #	제품명	Cat #	제품명
TWG001	VitroGel 3D (10 mL)	TWG003	VitroGel RGD (10 mL)
TWG001S	VitroGel 3D (2 mL)	TWG003S	VitroGel 3D-RGD (2 mL)
TWG002	VitroGel 3D-RGD (10 mL)	MS01-100	VitroGel Dilution Solution Type 1
TWG002S	VitroGel 3D-RGD (2 mL)	MS02-100	VitroGel Dilution Solution Type 2
		MS03-100	VitroGel Cell Recovery Solution

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