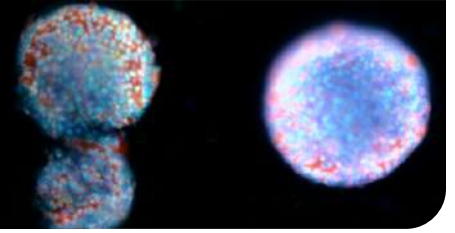


# VitroGel STEM



## Stem Cell Scale Up Culture

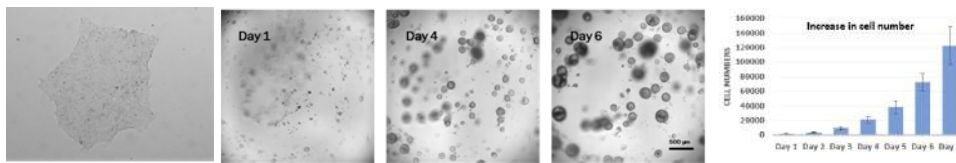
- High Cell Viability and Excellent Cell Grow Rate
- High-quality 3D stem cells with full pluripotent properties
- Establish stem cell spheroids directly from liquid nitrogen (5 min protocol)



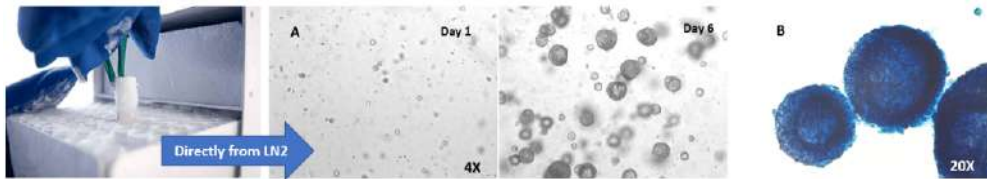
# VHM02



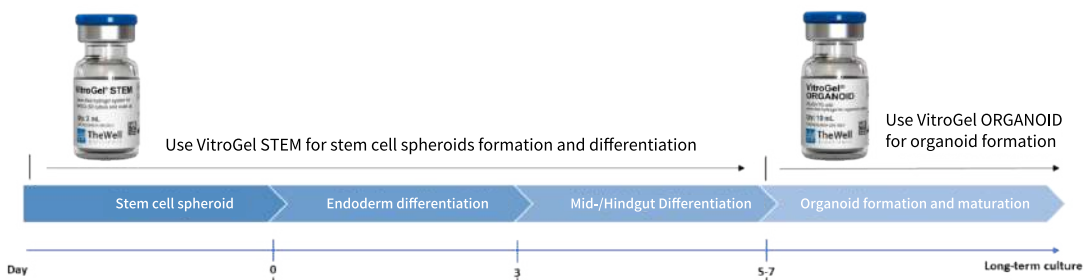
**2D → 3D Culture 로 전환** : More Good Growth rate, More High Cell viability / Scale Up



**LN2 → Thawing 후 3D Culture** : High Stem Cell Viability



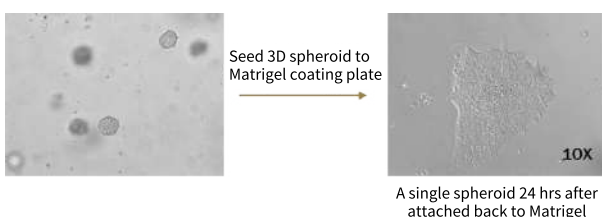
**VitroGel STEM → VitroGel Organoid** : 오가노이드 분화 전 단계 사용



\*\* This scheme is an example for human iPSC derived intestinal organoid.



**3D → 2D Culture 로 쉽게 전환**



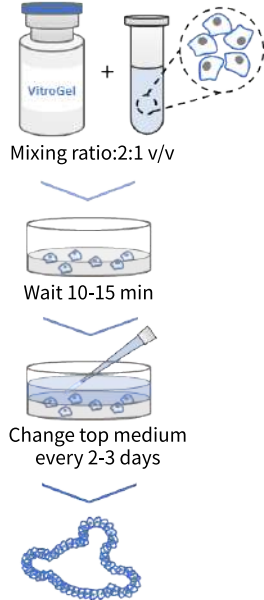
- Xeno-free
- Room temp. operation/ Ready-to-use
- Lab automation friendly for HTS
- Easy cell harvesting
- Time and cost saving advantages

# VitroGel ORGANOID

Prepare cells  
in culture  
medium

Mix VitroGel  
with cell  
suspension

Add medium  
on top for  
organoid  
culture

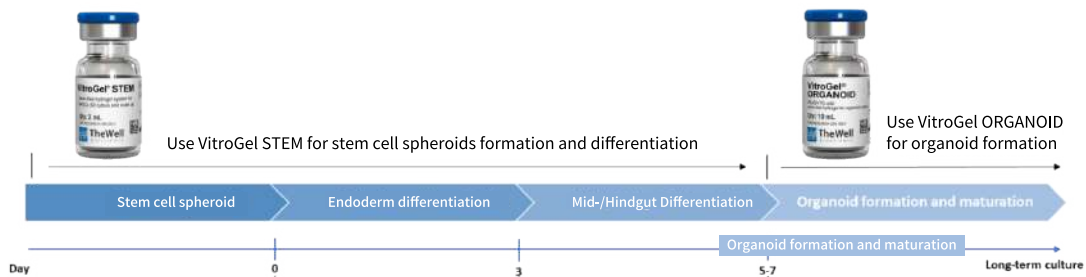


- **Xeno-free**
- **실온에 안정**
- **Ready to Use**
- **Injectable**
- **Easy Cell Harvest**
- **Biosafety**
- **자동화 장비 이용 가능**
- **Mix & Match**



## VitroGel STEM → VitroGel Organoid

: 오가노이드 분화 전 VitroGel STEM 이용, 분화 시작 부터는 VitroGel ORGANOID 이용



\*\* This scheme is an example for human iPSC derived intestinal organoid.

## Order Informaion

- # VHM04-K VitroGel Organoid Discovery Kit (4 vials, 2 mL each) < 내 샘플에 가장 적합한 matrix 찾자! >
- # VHM04-1 VitroGel Organoid-1 10mL < 추천: Stomach, Lung, Breast >
- # VHM04-2 VitroGel Organoid-2 10mL < 추천: Stomach, Brain, Tumor >
- # VHM04-3 VitroGel Organoid-3 10mL < 추천: Stomach, Lung, Brain >
- # VHM04-4 VitroGel Organoid-4 10mL < 추천: Tumor, Breast >

