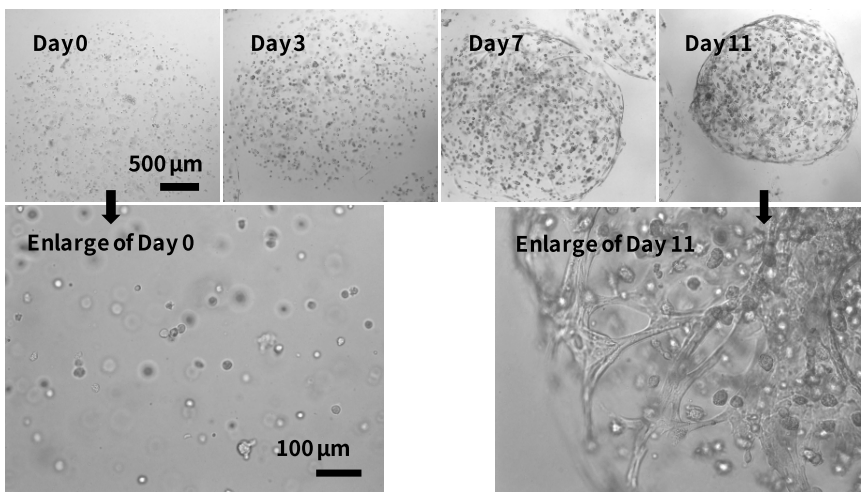
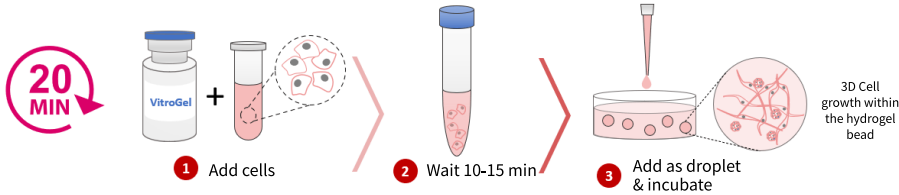


VitroGel MSC



MSC Scale Up Culture !

- 3D culture of MSC in hydrogel beads
- Long term culture 가능 / 배양 시간 단축 / 일관된 품질

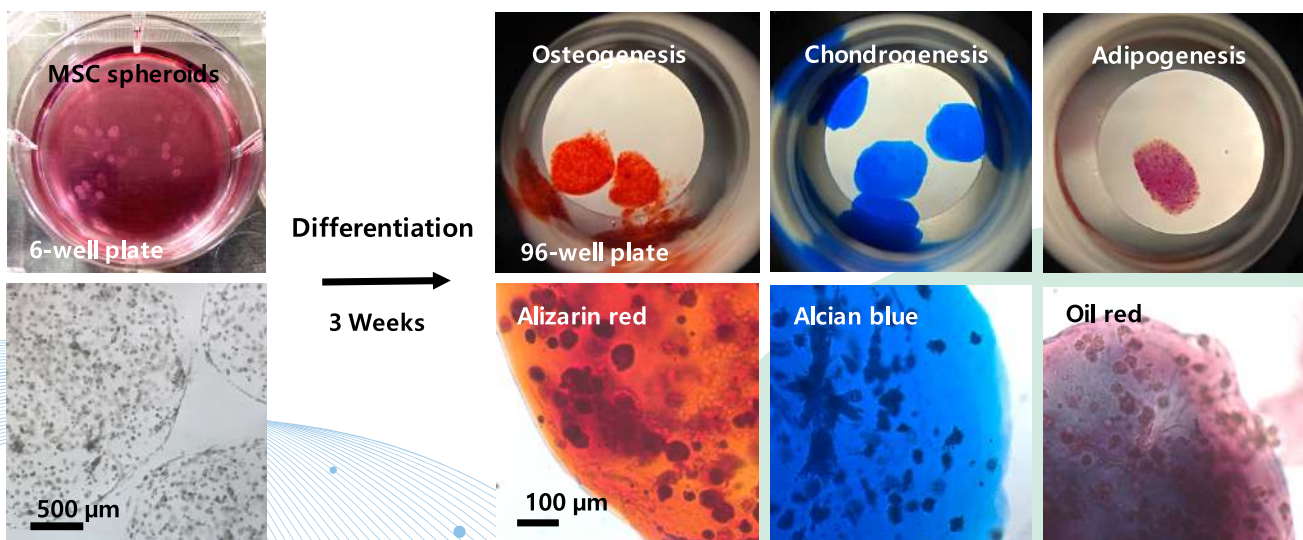


- Xeno-free
- 실온에 안정
- Ready to Use
- Injectable
- Easy Cell Harvest
- Biosafety
- 자동화 장비 이용 가능
- Mix & Match

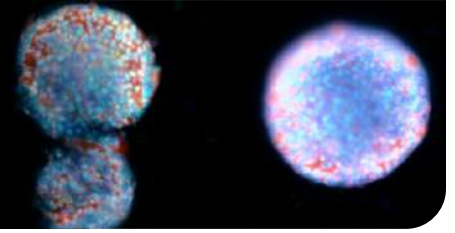


MSC Differentiation _Adipocyte_Chondrocyte_Osteocyte

- 3D culture of MSC in hydrogel beads



VitroGel STEM



Stem Cell Scale Up Culture

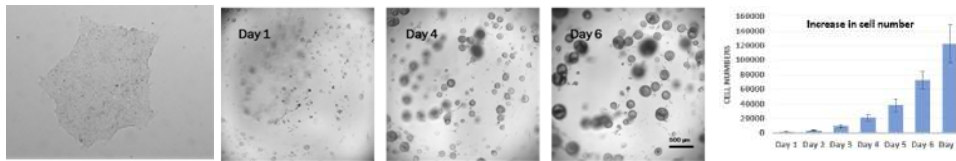
- High Cell Viability and Excellent Cell Grow Rate
- High-quality 3D stem cells with full pluripotent properties
- Establish stem cell spheroids directly from liquid nitrogen (5 min protocol)



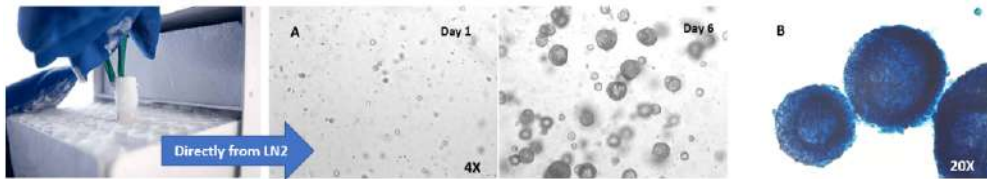
VHM02



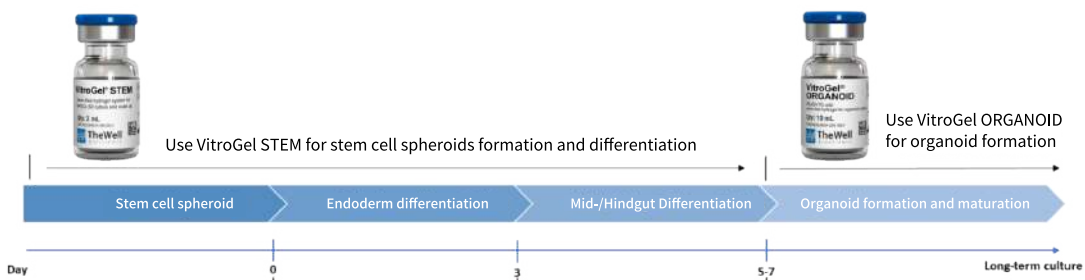
2D → 3D Culture 로 전환 : More Good Growth rate, More High Cell viability / Scale Up



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



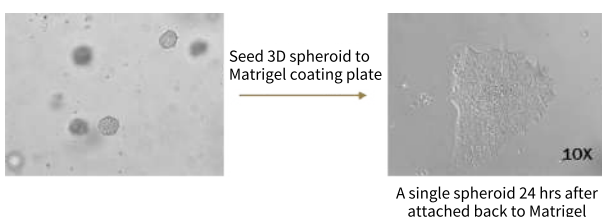
VitroGel STEM → VitroGel Organoid : 오가노이드 분화 전 단계 사용



** 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