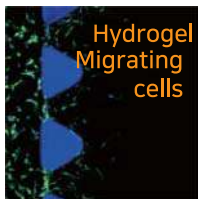


AIM-Chip

- Easy-to-use
- Real time 현미경 관찰
- 다양한 cell type co-culture
- Interstitial flow 조절
- Chemical gradients 가능
- Variety of clinical trials

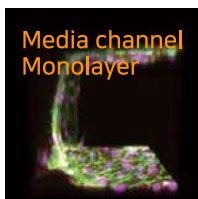
3D Cell Research on-a-Chip



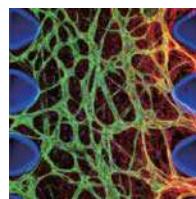
- Cell migration
- Invasion



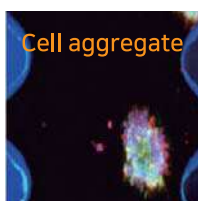
- Angiogenesis
- Screening of anti-angiogenic compounds



- Permeability test



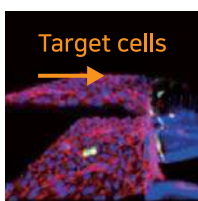
- Vascular networks



- Metastasis
- Dissemination of tumor cells

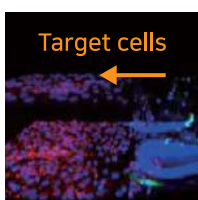


- Cell-cell interactions



- Extravasation

* 모든 사진은 실제 현미경으로 찍은 사진입니다.



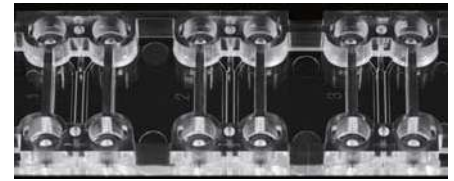
- Intravasation



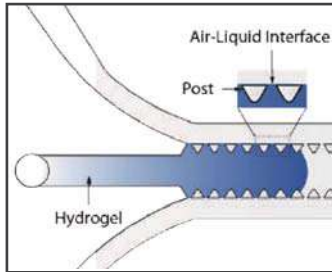
AIM Chip

Additional features:

- Microscope slide format (75mm X 25mm)
- Sterile & ready-to-use
- Designed for modular expansion with AIM Luer Connectors,
- Fits into a 386-well compliant AIM holder

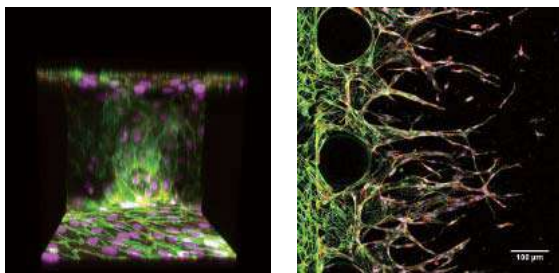


Compatible with Polymerisable Gels



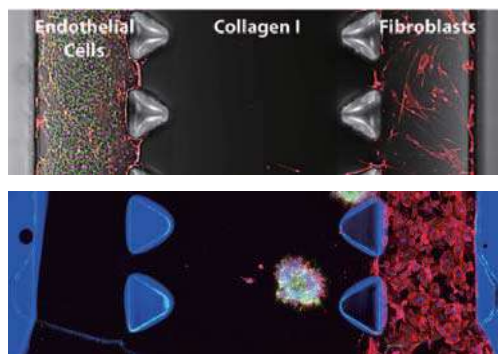
- 실험에 따라 다양한 ECM 사용가능
 - Collagen or Fibrinogen
 - Matrigel or other hydrogel etc.

Optically Clear



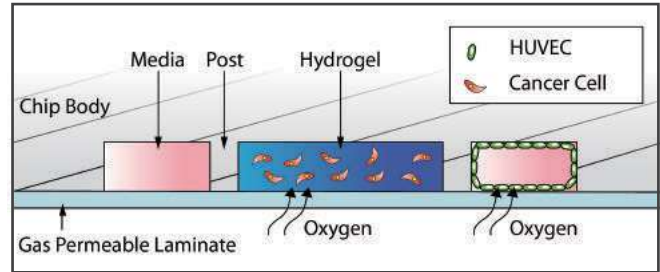
- 다양한 현미경으로 관찰 가능
 - Phase contrast
 - Epifluorescence
 - 2-photon & confocal microscopy

Co-culture Models



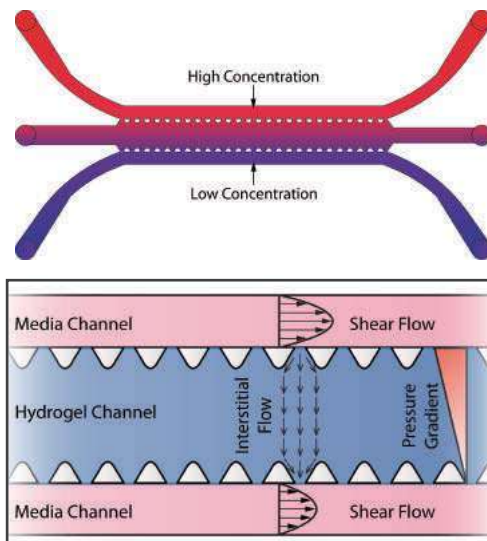
- 3D와 2D 환경에서 서로 다른 Cell 타입의 co-culture
 - Cell-Cell interaction
 - Cell-Cell communication

Gas Exchange



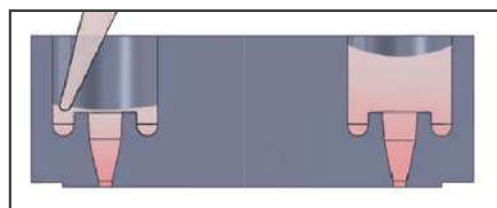
- Gas Permeable
- Hypoxia 실험도 가능

Control of Flow & Chem. Gradients



- 3D hydrogel 및 microenvironment 조절 가능
 - Chemical gradients
 - Interstitial flow 조절 가능

Rapid Media Exchange



- 빠르고 쉬운 Media exchange