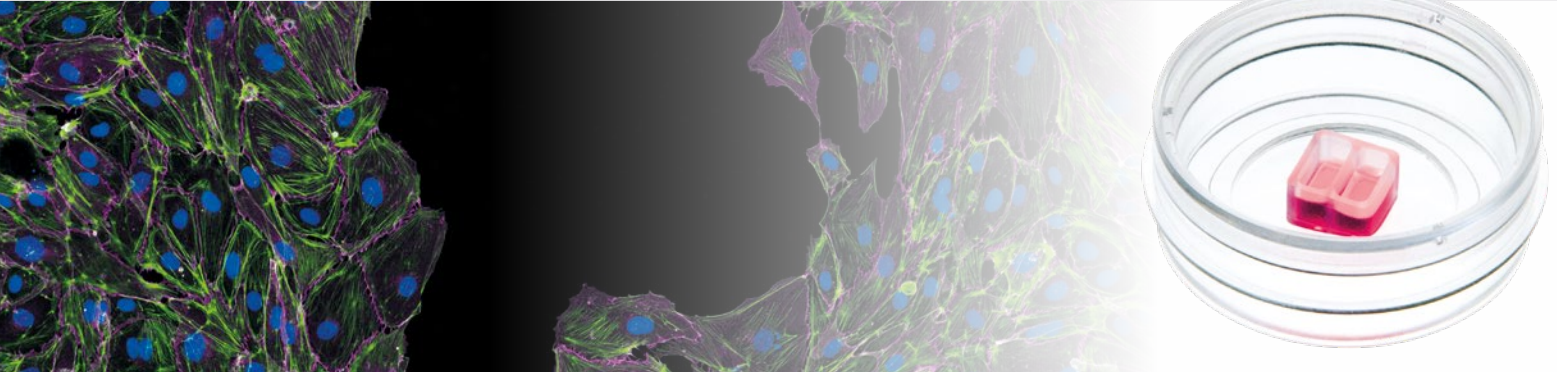


# Migration and Wound Healing Assays

Wound Healing | Migration | 2D Invasion | Co-Cultivation



## ✓ Reproducible Experiments

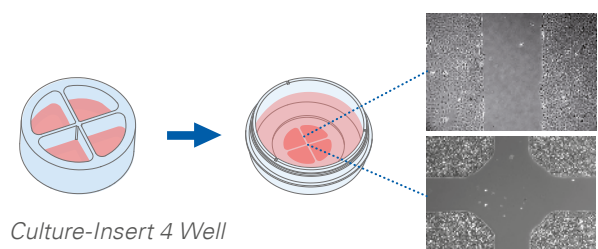
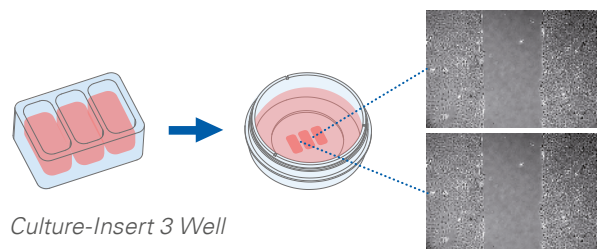
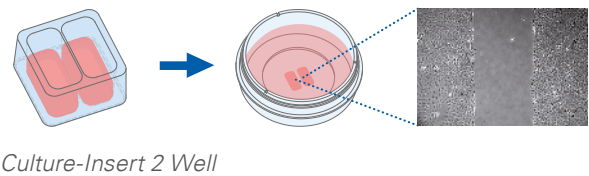
Defined 500 µm cell-free gap, no leaking during cultivation, no residual after removal

## ✓ Complete Solution

Only a few steps from sample preparation to image analysis

## ✓ High Flexibility

Adheres to any flat and clean surface

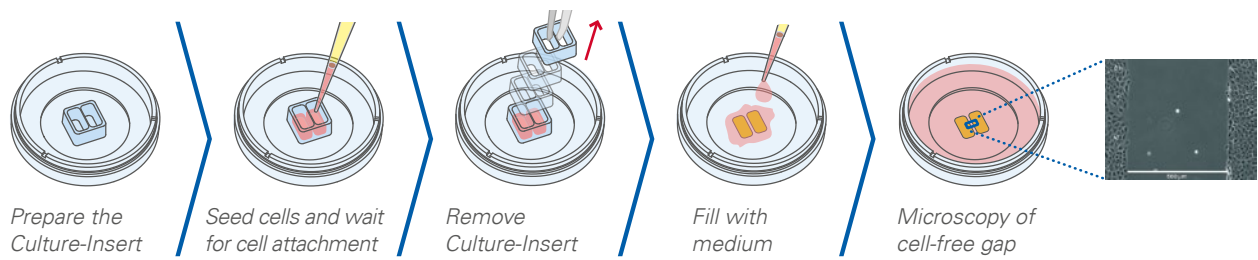


Download a detailed Application Guide at:  
[ibidi.com/MigrationGuide](http://ibidi.com/MigrationGuide)



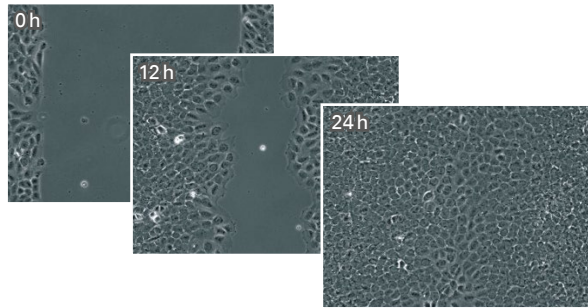


## Sample Preparation



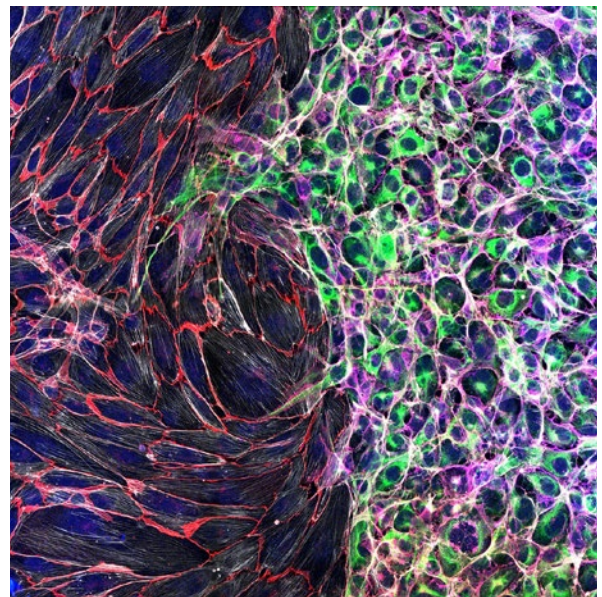
## Live Cell Imaging

Measure migration and wound closure under physiological conditions in real time.



### ibidi Stage Top Incubator

The ibidi solution for creating and maintaining a physiological environment under the microscope



Endothelial cells (left) and trophoblast cells (right) were cultured in an ibidi  $\mu$ -Dish 35 mm, high with a Culture-Insert 2 Well. Cells were allowed to migrate towards each other after removal of the insert prior to fixation, staining, and imaging. Cells were stained with an antibody against VE-cadherin (magenta), phalloidin for F-actin (cyan), and Cytokeratin 8 (yellow). Image by Derek Sung, University of Pennsylvania, USA.

**FREE SAMPLES:** [ibidi.com/free-samples](https://www.ibidi.com/free-samples)

Culture-Insert	2 Well	3 Well	4 Well
For self-insertion	No. 80209	No. 80369	No. 80469
In $\mu$ -Dish 35 mm, high	No. 81176	No. 80366	No. 80466
In $\mu$ -Plate 24 Well	No. 80206	–	–
Outer dimensions (w x l x h)	8.4 x 8.4 x 5 mm	8.4 x 12.15 x 5 mm	Ø 17 mm
Filling volume per well	70 $\mu$ l	70 $\mu$ l	110 $\mu$ l
Growth area per well	0.22 cm <sup>2</sup>	0.22 cm <sup>2</sup>	0.35 cm <sup>2</sup>
Width of cell-free gap	500 $\mu$ m $\pm$ 50 $\mu$ m	500 $\mu$ m $\pm$ 50 $\mu$ m	500 $\mu$ m $\pm$ 50 $\mu$ m Center: 1000 $\mu$ m $\pm$ 100 $\mu$ m