

Wound Healing and Migration Assays – At a Glance

(SG 04 – FOR INTERNAL USE ONLY)



#81176
Culture-Insert 2 Well
in μ -Dish ^{35 mm, high} ibiTreat



#80366
Culture-Insert 3 Well
in μ -Dish ^{35 mm, high} ibiTreat



80466
Culture-Insert 4 Well
in μ -Dish ^{35 mm, high} ibiTreat



#80206
Culture-Insert 2 Well
in μ -Dish ^{35 mm, low} ibiTreat



#80209
25 Culture-Inserts 2 Well
for self-insertion



#80369
25 Culture-Inserts 3 Well
for self-insertion



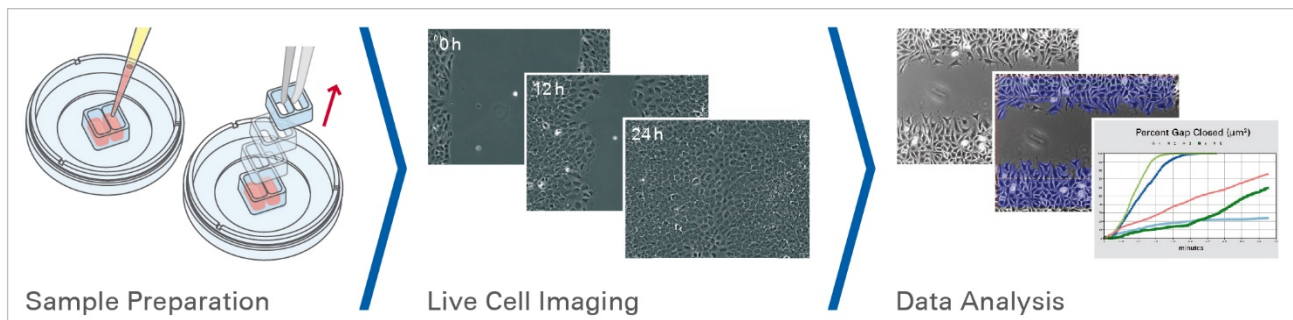
80469
25 Culture-Inserts 4 Well
for self-insertion



#80241
Culture-Insert 2 Well 24
ibiTreat

Wound healing is often studied by analyzing the random migration of adherent cells. ibidi Culture-Inserts 2 Well, 3 Well, and 4 Well are ideal for performing migration assays:

- Defined migration gap of a given width
- Standardized conditions for reproducible results
- Complete workflow



Unique Selling Point

ibidi Culture-Inserts are ready-to-use labware products. They combine optimal cell culture conditions with excellent optics. Only the ibidi migration assays allow for flexible migration and invasion assays in combination with various coatings, different cell types, and high-resolution microscopy.

Applications

- Wound healing assays in 2D
- Real-time migration assays of adherent cells
- 2D invasion assays
- Co-cultivation of cells

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Features & Benefits

Feature	Benefit
Defined 500 µm cell-free gap	Standardized conditions for reproducible results
Pre-inserted in ibidi µ-Dishes and µ-Plates	Ready-to use for perfect imaging and optimal cell culture conditions
Also available for self-insertion	A vessel of choice can be used
Sticks on various surfaces and coatings	Versatile and highly flexible assays (e.g., multiple cell types simultaneously, cell migration on coatings)
Data analysis with Wound Healing FastTrack AI	Complete solution provider: One supplier for labware, assay, and image analysis (time saving)
Quick and competent support from ibidi experts	Fast assistance for better results

Competition	ibidi	Self made with pipet tip	Combs (Merck, SPL, etc.)	Multi- well plates (Cell Biolabs, Platypus)	SPLScar Block (SPL)	Wound Making Tool (BioTek)
Working principle	Removable insert	Scratch	Scratch	Removable insert	Removable insert	Scratch
Standardized migration area	Yes	No	No	Yes	Yes	Yes
Labware with high optical properties	Yes	Optional	Optional	No	Yes	Optional
Works with coatings	Yes	No	No	Optional	No	No
Image analysis	Yes	No	No	No	No	Yes
High throughput	Yes	No	Yes	Yes	No	Yes
Multiple cell types	Yes	No	No	No	Yes	No
Costs	\$\$	\$	\$	\$\$	\$\$	\$\$\$\$

Keywords for Customer Research

- Wound healing, gap closure, cell migration
- Dermatology (skin, fibroblasts, cosmetics, skin care)
- Oncology (invasion, tumor cells, cancer, metastasis)
- Pharmacology (drug development, toxicology, anti-cancer drugs)

Probing Questions (When answered with Yes, it's a hot lead!)

- Do you work in cancer research or dermatology?
- Do you study cell migration or wound healing?
- Do you perform scratch assays and have difficulties to get consistent results?

Cross Selling With:

- ibidi Stage Top Incubation System (#10720 or #10722) for live cell imaging
- Wound Healing FastTrack AI Image Analysis (e.g., 32000-50)