



Chemotaxis Assays

Precisely Analyze Directed Cell Migration Behavior in 2D or 3D

✓ Real-Time Measurement

In a 2D or 3D environment

✓ Long-Term Experiments

Linear and stable chemotactic gradients for over 48 hours

✓ Reproducible Results

Reliable and user-independent data



*The **ibidi μ-Slides Chemotaxis** have been **the key to my research** on lymphocyte chemotaxis.*

*These slides have allowed me to **track and visualize** directional motility in lymphocytes.*

*Loïc Dupré, PhD, Purpan University Hospital
Toulouse, France*

Applications

- Migration assays of slow migrating cells (e.g., cancer cells) or fast migrating cells (e.g., immune cells)
- Invasion assays of tumor cells
- 2D and 3D assays of adherent and non-adherent cells



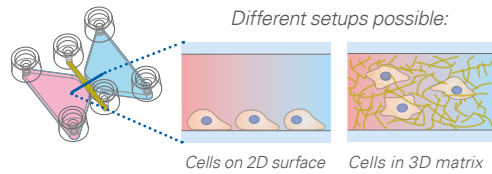
Watch the handling video **Chemotaxis Assays Using the μ-Slide Chemotaxis** on our website.





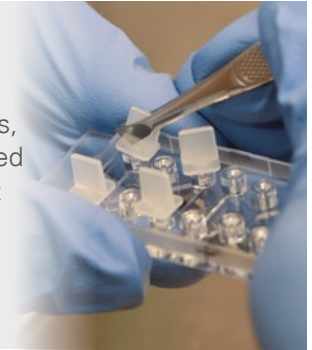
Sample Preparation

Create a precisely defined, stable chemotactic gradient in a reproducible environment.



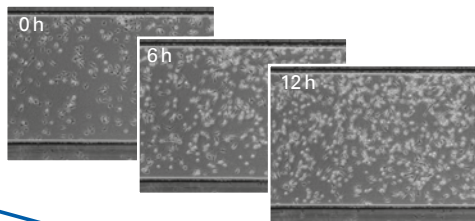
μ-Slide Chemotaxis

Specialized for 2D or 3D chemotaxis assays, with gradient-optimized geometry and brilliant optical features



Live Cell Imaging

Measure chemotaxis under physiological conditions in real time.



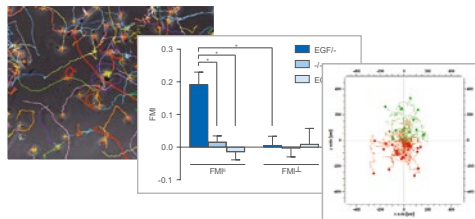
ibidi Stage Top Incubator

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



Data Analysis

Analyze your experiment with freeware (e.g., ImageJ) or machine learning-based solutions.



Download a detailed Application Guide at: [ibidi.com/CHEMOTAXISGUIDE](https://www.ibidi.com/CHEMOTAXISGUIDE)



Technical Details

μ-Slide Chemotaxis	No. 80326
Chemotaxis chambers on slide	3
Volume per chamber	120 μl
Observation area	2 x 1 mm ²
Total height with plugs	12 mm
Volume chemoattractant	30 μl

Did you know?

ibidi also offers Online Chemotaxis Courses. Check out at: [ibidi.com/CHEMOTAXISCOURSE](https://www.ibidi.com/CHEMOTAXISCOURSE)



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