

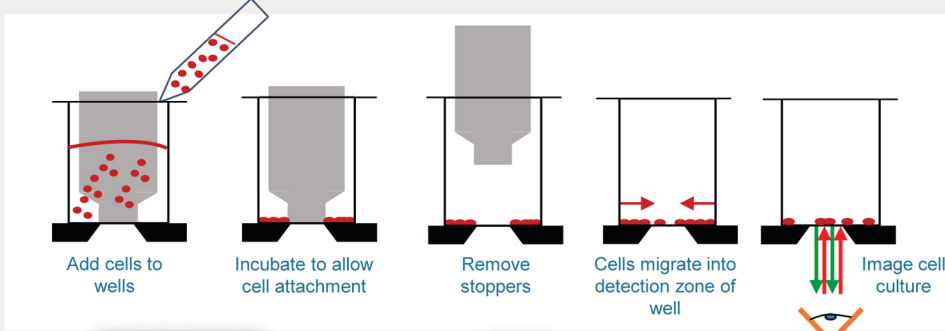


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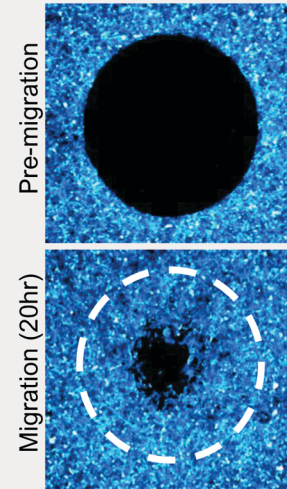
Oris™ Cell Migration Assay

Publication-Ready Data From Each Experiment

Oris™ Cell Migration Assays (CMA) use a 96-well plate with “stopper” barriers that create a central cell-free Detection Zone for cell migration experiments. Removing the stopper allows the cells to migrate into the Detection Zone at the center of each cell culture well.



Oris™ Stoppers

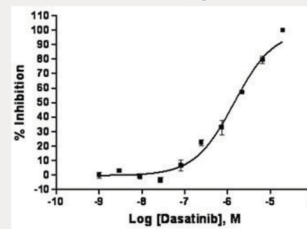


Representative Data:

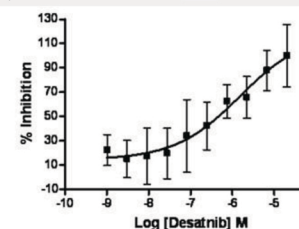
Product Highlights:

- Easy-to-use 96-well plate assay with stoppers
- High sample-to-sample reproducibility
- Excellent data precision
- Robust Z' factors
- Compatible with plate readers and high-content analyzers for automation
- Extracellular matrix (ECM) remains intact

Data from **Oris™ CMA**
(Narrow Error Bars = *High* Precision)



Data from **Scratch Assay**
(Wide Error Bars = *Low* Precision)



Applications:

Use the Oris™ CMA to identify cell migration inhibitors and cell migration promoters. For **researchers** in academia, pharmaceutical companies and CROs, Oris™ CMA is a reliable tool to advance studies in drug discovery, compound screening, wound healing, or cancer research.

Product Versatility:

Oris™ Assays in 96-well plates available in these formats:

Plate Coatings:

- Tissue Culture, Collagen I, Fibronectin and Tri-Coat

Plate Readiness:

- Stoppers pre-inserted on plate or on the side to permit coating with your choice of ECM

Designed for Reproducibility

- Stoppers are inserted in sets of 4 wells

Examples of Research using Oris™ Assay:

- Gough et al. *J. Biomol. Screen.* 16(2); pp.155-163; **2011**.
- Marei et al. *Nature Comm.* 7;10664; **2016**.
- Rave et al. *J. Biomed Mater. Res. A* 101(7); **2013**.
- Gnanamony et al. *Oncology Lett.* 14(3); **2017**.

Testimonial:

“The team at Platypus Technologies always does an excellent job to solve my technical questions.”

-T. Tan (Scientist, Excellgen)

Oris™ is a trademark of Platypus Technologies, LLC. Oris™ technology is protected by US patents 7,842,499, 8,268,614 and 8,512,974 and pending applications.

www.platypustech.com

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