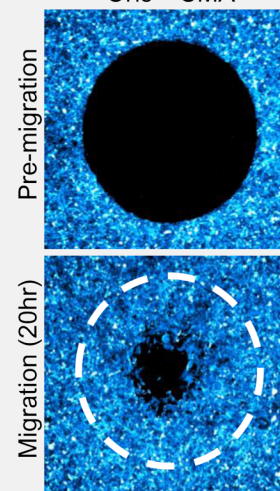
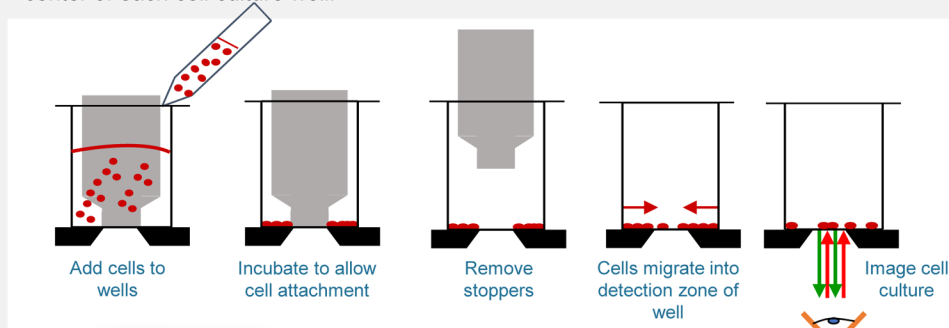


Oris™ Cell Migration Assays (CMA) use a 96-well plate with “stopper” barriers that create a central cell-free Detection Zone for cell migration experiments. Removing the stopper allows the cells to migrate into the Detection Zone at the center of each cell culture well.



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

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

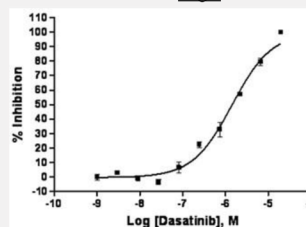
Plate Readiness:

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

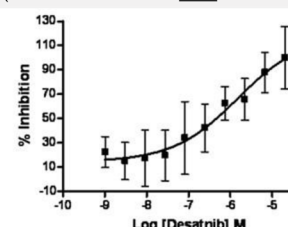
Designed for Reproducibility

-Stoppers are inserted in sets of 4 wells

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



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



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

Available in Canada from...

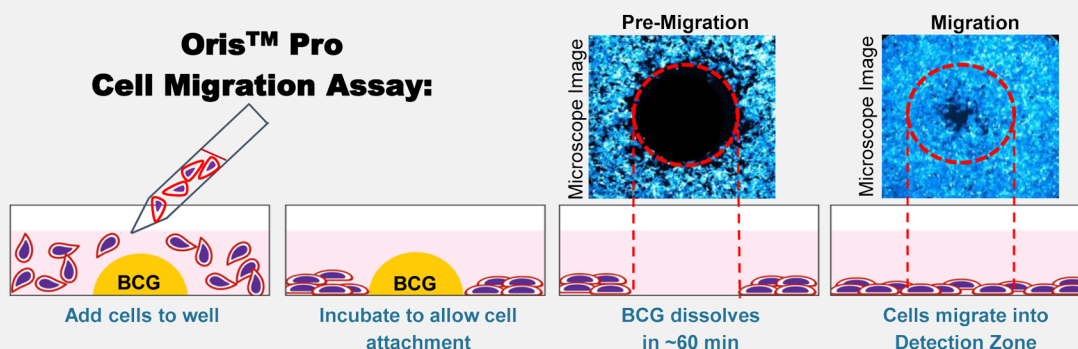
MJS
BioLynx
INC.

1-888-593-5969 • www.biolynx.ca • tech@biolynx.ca



Oris™ Cell Migration Assays (CMA) are available in 96- or 384-well plates. In each well, a water-soluble Bio-Compatible Gel (BCG) creates a central cell-free Detection Zone for cell migration experiments. Upon attachment of the cells the BCG dissolves within 60 minutes, allowing the cells to migrate into the Detection Zone at the center of each well

Oris™ Pro
Cell Migration Assay:



Oris™ Pro BCG inside each well



High-Throughput Screening using Oris™ Pro:

(1280 compounds tested; 9 compounds identified as selective migration inhibitors)

Product Highlights:

- Compatible with automated and high-throughput screening tools
- No handling required: BCG dissolves on its own to reveal detection zone
- No wash steps or additional reagents required
- Excellent Z' factors for robust statistical studies
- Low well-to-well variation
- Can be used with any adherent cell line

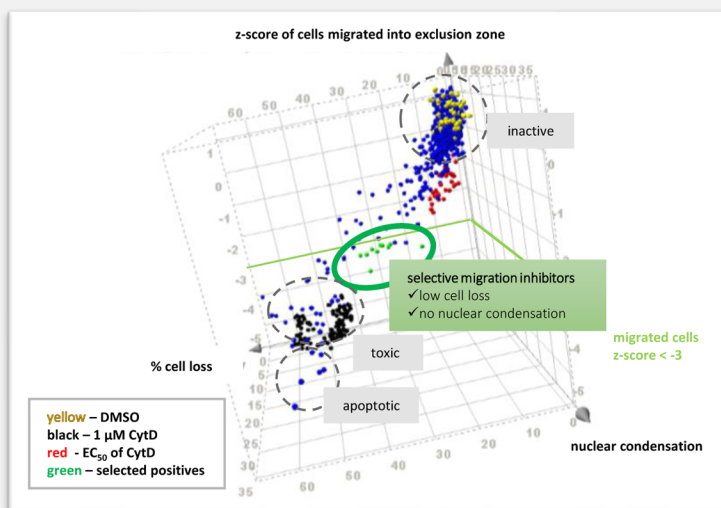
Applications:

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

Testimonial:

"We've found that the **Oris™ Pro** Cell Migration Assays are the best option for High-Throughput Screening applications in a variety of cell types due to convenience, consistency and reliability. In addition, the customer service and technical assistance from Platypus Technologies have been excellent."

-J. Ratnam (Senior Scientist, Evotec AG)



Product Offering:

Oris™ Pro kits are available in 96-well and 384-well plates
Plate Coatings:

-Tissue Culture or Collagen I

Oris™ is a trademark of Platypus Technologies, LLC. Oris™ Pro technology is protected by US patent 9,968,935 and pending applications.