

# PLATYPUS TECHNOLOGIES

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Bringing Science to the Surface™

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## New Oris™ Pro Collagen I Cell Invasion Assay

**Madison, WI** – Platypus Technologies announces the addition of the **Oris™ Pro Collagen I Cell Invasion Assay** to its product line of cell motility assays. The new Oris™ Pro Collagen I Cell Invasion Assay will be launched at the Society for Biomolecular Screening Annual Meeting (held April 11 – 17 in Phoenix, AZ). The assay uses a non-toxic biocompatible gel (BCG) to form a centrally located and temporary cell-free zone on cell culture surfaces. Cells are seeded into the 96-well plate and attach in a monolayer around the BCG. The BCG dissolves to reveal a Detection Zone and a Collagen I Overlay is added to create a 3-D environment for cell invasion into the Detection Zone. This new kit enables researchers to save time and cost by utilizing automated liquid handling equipment for fast set-up of high throughput assays. Researchers can capture and quantify real-time cell migration data using microscopes and High Content Screening (HCS) and High Content Imaging (HCI) instruments.

Cell Invasion is measured *in vitro* by the ability of adherent cells to move through a 3-D extracellular matrix (ECM) that mimics an *in vivo* environment. The new Oris™ Pro Collagen I Cell Invasion Assay offers a versatile method that allows for imaging and quantitating cells invading through a 3-D ECM in real-time. To learn more, visit [www.platypustech.com/orisproinvasion.html](http://www.platypustech.com/orisproinvasion.html).



### About Platypus Technologies, LLC:

Platypus Technologies, LLC develops innovative products for the analytical and life sciences that utilize recent advances in nanotechnology and materials science. Platypus Technologies has successfully launched several products in the Oris™ cell-based assay line that enable life science researchers to study cell migration; a process critical to a variety of *in vivo* processes. The Company is also developing a range of products, for diagnostic, environmental and laboratory applications, that derive from a proprietary platform technology utilizing liquid crystals for the rapid and low-cost detection of molecular interactions.

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