Measure Cell Migration at Endpoint or in Real Time

Cell migration is known to play an important role in various diseases including cancer. We offer one of the most comprehensive selections of cell migration assays anywhere. In this newsletter we offer various types of assays to monitor cell migration and help you decide which assay is right for you.

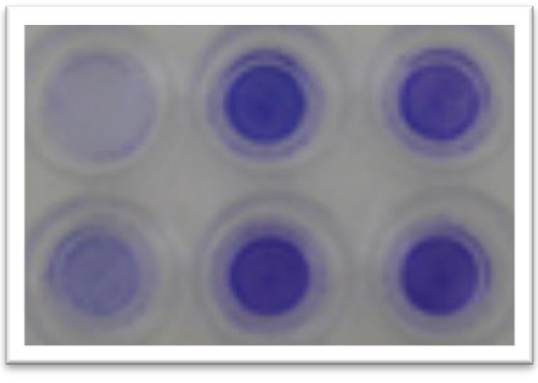
Need Help Finding the Right Cell Migration Assay?

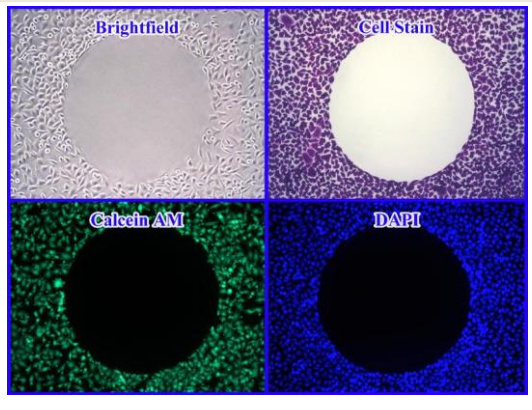
Our cell migration assays are available in two formats:

1. Gap Closure Assays create a defined two-dimensional area across which migratory cells can move.
2. Boyden Chamber Assays consist of a cell culture insert nested in the well of a cell culture plate. Cells are seeded into the insert and move vertically down through the pores of the membrane at the bottom of the insert.

Read on below for more information on these two formats. You can also use our comparison table to determine which format is best for you.

	Boyden Chamber Assays	2D Migration Gap Closure Assays
Analysis	Quantitative	Qualitative or Quantitative
Detection Time	Endpoint	Endpoint or Real Time
Detection Method	Plate Reader	Microscopy
Cell Compatibility	Choose membrane pore size to match cell type	Any
ChemoattractantGradient	Yes	No
Sensitivity	Fair	Good
Adaptability to Automation	Poor	Good
Most Suitable Application	Measure effect of chemoattractant on migration rates	Measure differences in migration rates between treated and untreated cells





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