



MicroStem SlideHolder™

The MicroStem SlideHolder™ enables MicroMatrix™ users to acquire images on any microtiter plate based system that is commonly used for immunofluorescent image acquisition.

Currently, MicroStem is working with multiple instrument providers to facilitate imaging of MicroStem products. For more information on instruments, please contact tech support at MicroStem, Inc.

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The MicroMatrix™ extra cellular matrix array allows researchers to rapidly identify ECMs that influence cellular fate and function. The system uses minimal amount of samples and can be incorporated into a high throughput cell based assay format using high content imaging or other image based detection methods. Here we demonstrate the utility of MicroMatrix™ in a cellular assay when combined with a Cellomics™ vTI and its companion software. The MicroMatrix™ product offerings are a robust cell based assay tool that can be used in many applications including primary cell, stem cell and immortalized cell line assay optimization and screening.

References:

1. Wendt MK, Allington TM, and Schiemann WP. Mechanisms of the epithelial-mesenchymal transition by TGF-beta. *Future Oncol.* 2009 Oct;5(8):1145-68. PMID: 19852727
2. Collagen I Promotes Epithelial-to-Mesenchymal Transition in lung cancer cells via transforming growth factor- β signaling. *Am J Respir Cell Mol Biol.* 2008 Jan;38(1):95-104. PMID: 17673689
3. Brafman D., Shah KD, Fellner T, Chien S, Willert K. Defining Long-Term Maintenance Conditions of Human Embryonic Stem Cells With Arrayed Cellular Microenvironment Technology. *Stem Cells Dev.*, 18(8): 1141-1154, 2009 PMID: 19327010
4. Flaim, CJ., Teng, D., Chien, S. and Bhatia, SN. Combinatorial signaling microenvironments for studying stem cell fate. *Stem Cells Dev* 17:29-39, 2008, PMID: 15782209



Product Name	Catalog
MicroMatrix™ 36	MM-012011
MicroMatrix™ 96	MM-022011
MicroMatrix™ 192	MM-032011
SlideHolder™	SH-042011

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Coming soon