that supported MCF-7 attachment for compound toxicity assessment. The substrate identified maintains desirable adherence and morphology of MCF-7 cells for proper imaging. Cells remained immobilized during Taxol dosing at various concentrations, allowing researchers to monitor early and late stage toxic endpoints. MicroMatrix™ extracellular 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.

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MicroStem SlideHolder™

The MicroStem SlideHolder™ enables MicroMatrix™ users to acquire images on any plate based system that is commonly used for immuno-fluorescent 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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Product Name	Catalog
MicroMatrix™ 36	MM-012011
MicroMatrix™ 96	MM-022011
MicroMatrix™ 192	MM-032011
SlideHolder™	SH-042011

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