

# One Cell Systems, Inc.

## Growth Assay Products and Services

One Cell Systems' Gel Microdrop Assays are available through either: a Lease program which includes use of the equipment and consumables necessary for Gel Microdrop Assays or the Cell Screening Service. Screening is performed at One Cell's Flow Cytometry Center, which houses fluorescence activated cell sorters and analyzers.

Two Lease programs are available: 1) Research Lease or 2) Commercial Lease. The Research Lease is appropriate when GMD Technology is used to facilitate an organization's internal research. Two Research Lease programs are available: one for Companies and one for Non-Profit organizations. If use of GMD Technology is directed toward a commercial product then you should enter a Commercial Lease Agreement. Frequently, industrial customers initially begin using GMD products under the terms of a Research Lease. It is important that you review the lease with your legal counsel. This process should be promptly initiated to ensure timely delivery of your GMD System. Contact your One Cell Systems representative to obtain the appropriate draft Lease agreement. We would be pleased to discuss your requirements in detail.

### Growth Assay Research Lease

**Equipment:** CellSys 100™ Microdrop Maker (includes ice-water bath container and one 12.3 cm autoclavable stainless steel shaft/blade assemblies).

**Reagents:** 1.8 liters of sterile CelMix™ 200 Emulsion Matrix and 120 x 0.5 mL aliquots of sterile GelGel™ Encapsulation Matrix; enough reagents for 10 assays per month.

**Training:** Up to two days of training for two people in encapsulation and cytometry techniques at One Cell Systems facility. Training at the customer's site is available on a per diem basis.

**Technical Support:** One Cell Systems' scientists are available to provide telephone technical support to customers.

**Lease Term:** 12 months

**Lease Payment:** US \$29,000 for the Initial Lease Term

**Payment Schedule:** US \$12,000 due prior to shipment of Equipment. US \$17,000 due by the beginning of Month 4.

## **Non-Profit Growth Assay Research Lease**

**Same as Research Lease above except:**

**Lease Payment:** US \$14,500 for the Initial Lease Term

**Payment Schedule:** US \$6,000 due prior to shipment of Equipment. US \$8,500 due by the beginning of Month 4.

## **Growth Assay Commercial Lease**

**Equipment:** CellSys™ 100 Microdrop Maker (includes ice-water bath container and two 12.3 cm autoclavable stainless steel shaft/blade assemblies).

**Reagents:** 3.6 liters of sterile CelMix™ 200 Emulsion Matrix and 240 x 0.5 mL of sterile GelGel™ Encapsulation Matrix; enough reagents for 20 assays per month.

**Training:** Up to three days of training for two people in encapsulation and cytometry techniques at One Cell Systems facility. Training at the customer's site is available on a per diem basis.

**Technical Support:** One Cell Systems' scientists are available to provide telephone technical support to customers.

**Lease Term:** 12 months

**Lease Payment:** US \$58,000 for the Initial Lease Term

**Payment Schedule:** US \$20,000 due prior to shipment of Equipment. US \$38,000 due by the beginning of Month 4.

## **Cell Screening Services**

The Cell Screening Service is comprised of five phases: 1) Evaluation of the Cell Line after encapsulation; 2) Assessment of Reagents; 3) Assay Optimization; 4) Cell Screening and Selection; and 5) Delivery of Sorted Cells. One Cell Systems works closely with each client to address specific goals and requirements, and to isolate cells of interest in a timely, cost-effective manner.

An overview of the Screening Service and typical Milestone payments follows:

## Growth Assay Cell Screening Service

Stage	Time	Payment Due
Service Agreement/Material Transfer		\$4,600 in advance
Evaluate Cell Line	2-4 weeks	\$4,600 at report
Evaluation of cell viability and growth in Gel Microdrops Recovery of viable cells from Gel Microdrops Surfactant compatibility Culture and processing methods		
Assess Reagents	1-2 weeks	\$4,600 at report
Evaluation of labelling reagents		<i>Evaluation of alternative antibodies can be performed at additional cost.</i>
Optimize Assay	1-2 weeks	\$4,600 at report
Establish optimal assay conditions and perform flow sorting		
Screen and Select Cells	2-4 weeks	\$4,600 at report
Select cells of interest Culture Re-Assay		<i>Additional rounds of enrichment can be performed at additional cost.</i>
Cryopreserve and Deliver Cells frozen and delivered Final report and recommendations	1 week	

Client has the option to continue the program at each stage.  
 OCS will continue only upon receipt of written notice to proceed.  
 Client also has the option of performing additional studies at each stage, i.e.: to evaluate alternative antibodies, cell lines, etc., at the noted price.

One Cell Systems' technology includes the processes, materials and methods of encapsulating cells in Gel Microdrops allowing detection, selection and analysis of individual cells using conventional methods. The technology and products are covered by numerous issued and pending United States and International Patents.