



Vivo Biosciences Inc.

Accelerating Preclinical Research & Drug Discovery

Through 3D Human Bioassay Technology

New HuBiogel™ Culture Technology

Human-derived natural Biogel system

Overcomes key limitations of synthetic/animal matrices

Supports long-term growth & function of many cell types

<u>Products:</u>	Ready-to-use HuBiogel™ system For plate coating or layer cultures
<u>Cell Types:</u>	Normal & Tumor cells (NCI-60 panel) Endothelial, Fibroblasts, MSC, Immune cells Transgenic cell lines Primary cultures (patient-derived)
<u>Services:</u>	3D HuBiogel™ Assay Systems Mini-Tumor Assay Plates (co-cultures) Real-time cellular, gene expression analysis

High-value Utility of HuBiogel Assays

Mimics true epithelial-stromal environment

Precise GF-induced & tumor-induced functional analysis

Controllable cell phenotype & genotype models

<u>HuBiogel System</u>	<u>Assay Endpoints</u>
Tumor-Fibroblast	Growth, Invasion
Tumor-Endothelial	Angiogenesis, Vascular adhesion
Tumor-Immune	Hypoxia, Host-response
Tumor-MSC	EMT, Metastasis

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