



μMass™

Revolutionize your research.

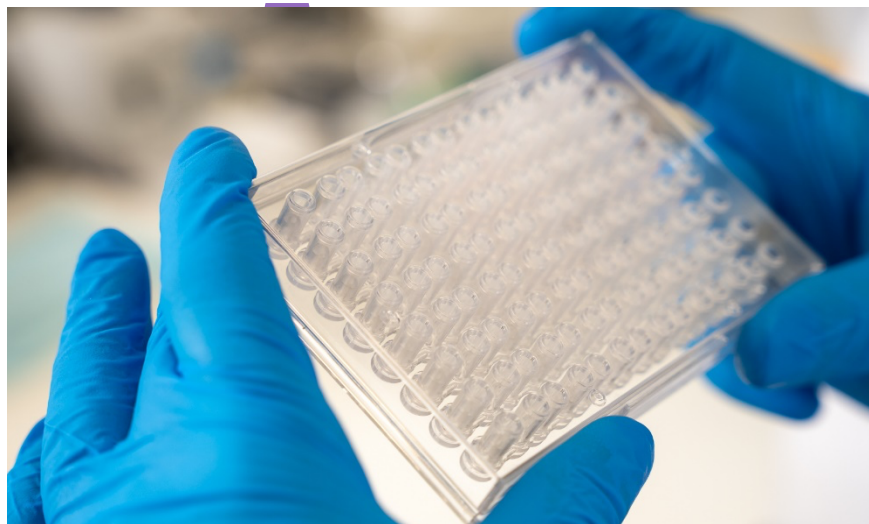
Redefine what's possible.

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See things differently.

μMassTM

μMassTM is a cutting-edge technology allowing researchers to perform 56 distinct tests on a single platform offering advanced preclinical modeling capabilities. Its unique design supports the inclusion of multiple cell types, making it ideal for next-generation organ-on-chip research. It's specifically geared towards no-hassle **culturing of solid-tumor, organoid, spheroid, and other 3D-cell** applications. With applications in mechanism-of-action studies, potency evaluations, and drug dosing, μMassTM ensures more accurate and reliable predictions of clinical outcomes. It is fully compatible with automation systems, allowing seamless integration into standard lab workflows, reduces reagent usage by 60%, while holistically addressing the critical needs for cost-effective, scalable, and predictive drug discovery solutions.



- **Multi-test Capability:** perform up to **56 different tests** on the same platform, maximizing efficiency and versatility
- **Automation Compatibility:** fully compatible with automated systems, streamlining processes and reducing manual effort
- **Reagent Reduction:** use 60% less reagents than with a standard 96-well plate
- **Next-generation Ready:** Enables advancements in **organ-on-chip technology**, unlocking new possibilities in research

What cell types have been assessed?

- μ Mass™ is compatible with many different cell types
- Test single cells, co-culture aggregates, components of the immune system, or a combination, while using standard laboratory equipment

A list of the cell types assessed with μ Mass™ thus far has been provided below. If a cell type is not listed below, that does not mean that it is not compatible with μ Mass™. Should you wish to use a cell type that is not listed below, please inquire.

HISMCS:	Human intestinal smooth muscle cells	HepG2:	Human liver cancer cell line
HSF:	Human synovial fibroblasts	HSC:	Human stellate cells
HCL:	Human chondrosarcoma cell line	HMSCS:	Human mesenchymal stem cells
NC:	Nucleus pulposus	CE:	Cartilaginous endplate
INC:	Immortalized nucleus pulposus (HNPSV-1)	CH:	Human chondrocytes
MSOD:	Human mesenchymal stem cell line (from bone marrow)	CO-CM:	Co-culture human chondrocytes (from mesenchymal stem cells)
HT-29	Colorectal adenocarcinoma	MDA-MB-231:	Adenocarcinoma (breast)
H1299:	Small lung cancer	--	More coming soon!

