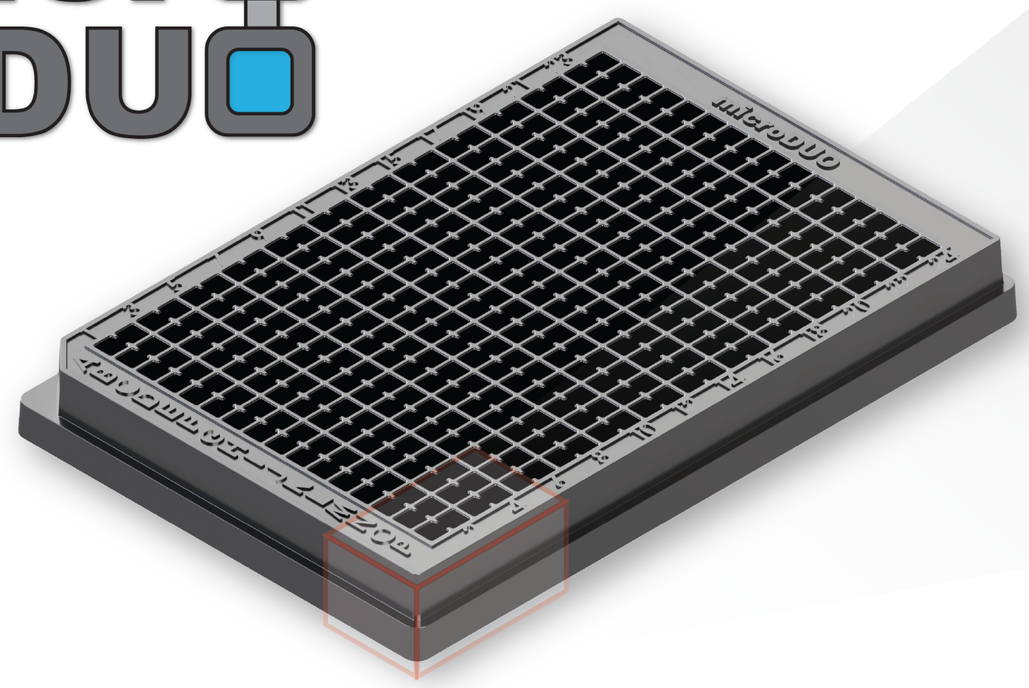
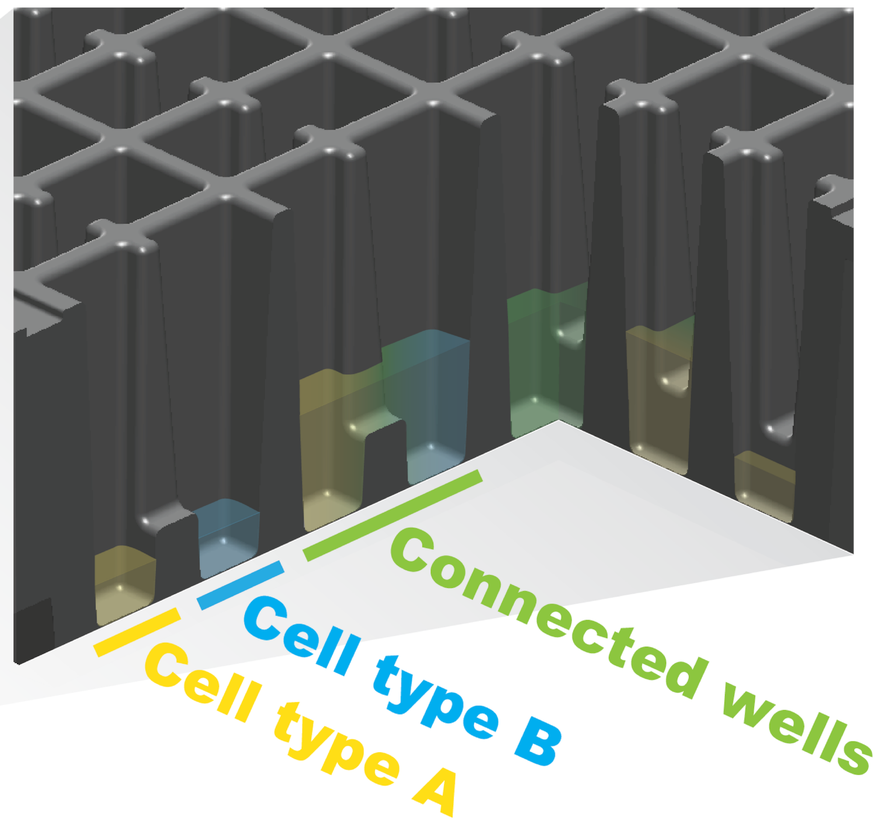
ONEXIO BIOSYSTEMS

Co-culture simplified

microDUO





The **microDUO** is a high-throughput screening (HTS) compatible microplate that enables cellular co-culture of a variety of tissue models without the need of inserts or membranes. This elegant solution is **technically simple** and **seamlessly integrates with existing HTS robotic infrastructure**. Our 384-well format consist of **192 co-culture arrays**, unleashing a powerful tool with utility in drug screening and chemical testing.

Featured Applications:

- Comparmentalized co-culture
- Liver conferred cytotoxicity
- Phenotypic drug discovery and screening
- Chemical screening
- High-content imaging compatible
- Dual-cell endpoints
- Available in 96, 384 and 1536-well microplate format

Email us at:
customerservice@onexiobio.com

6101 Highland Campus Dr
BLDG 4000, Room 2250
Austin, TX 78752

Now offering:

- Custom microplate design
- In-house assay development and screening

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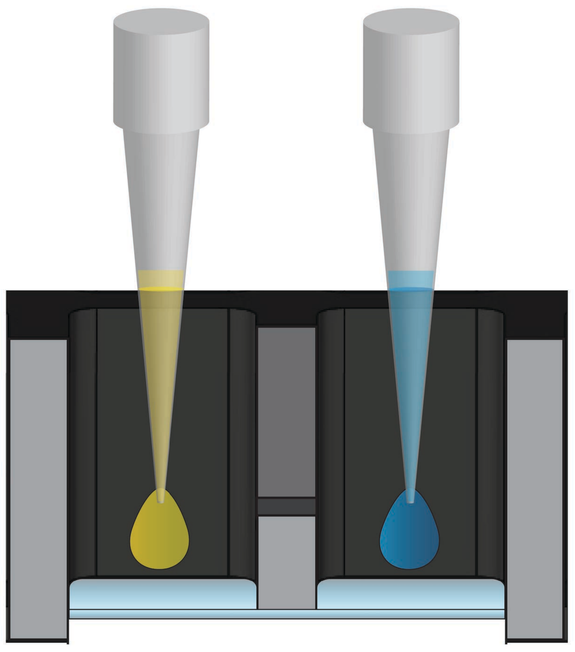
microDUO workflow

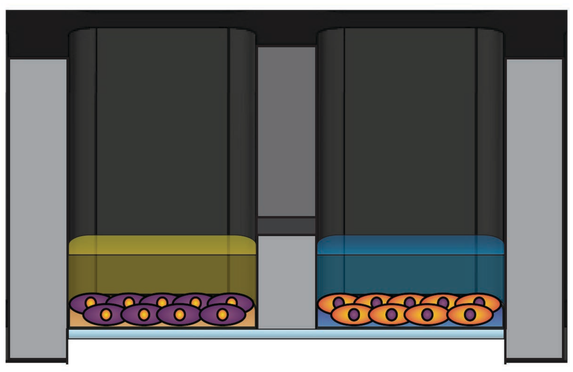
*microDUO plate format is compatible with leading liquid dispensers in the industry

Patented:
#10,518,266
#11,745,183



Add cell suspension

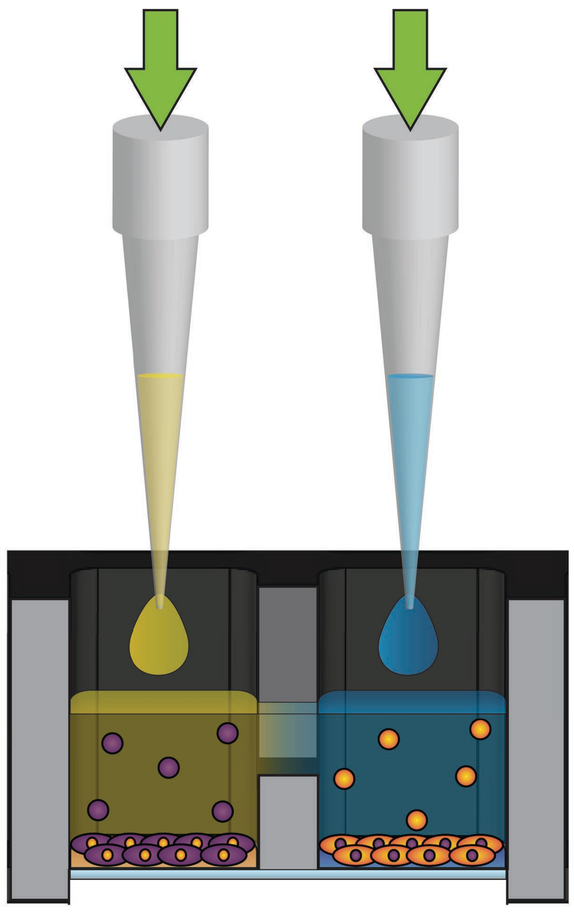
Incubate to allow cell attachment

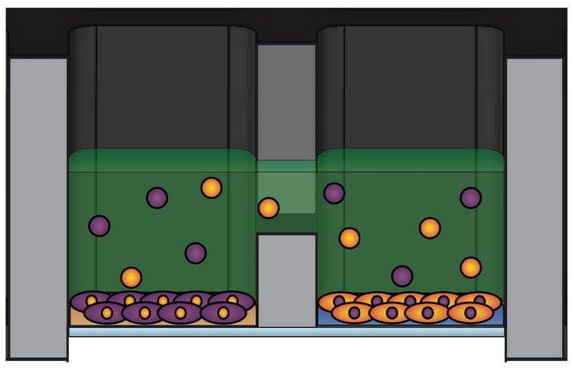


micro DUO

Increase volume to 30+ uL per well to initiate co-culture

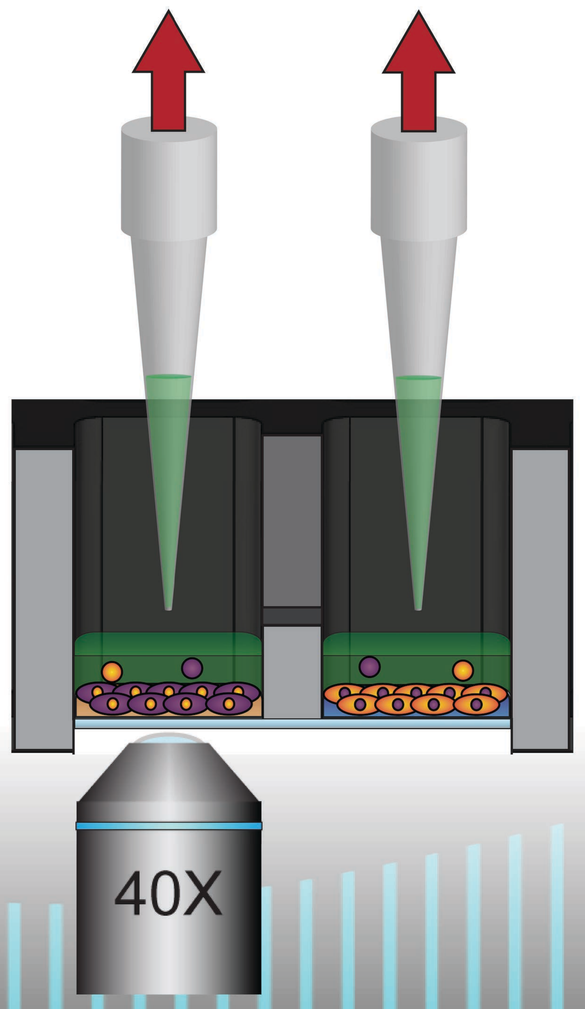
Add test compounds





Incubate co-cultures

Allow molecules to diffuse through the microchannel



Collect data in real-time

Volume can be reduced to re-isolate cultures and perform assays on each cell type

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