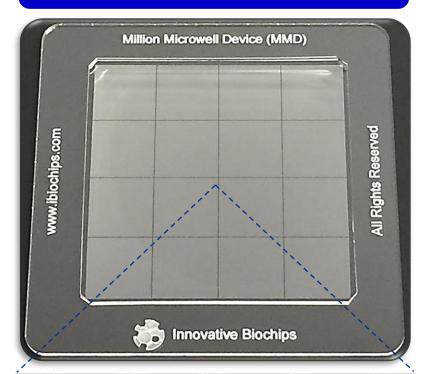
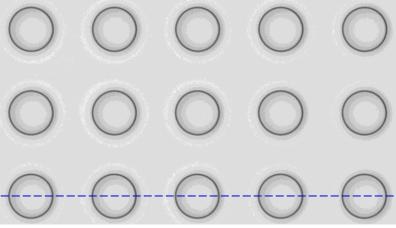


Million Microwell Device

Million Microwell Device (MMD) is a low-cost and high-throughput platform for single-cell RNA-sequencing.

1,000,000 high-quality microwells







Workflow for MMD-based scRNA-Seq

Capture single cells

Wash away uncaptured cells

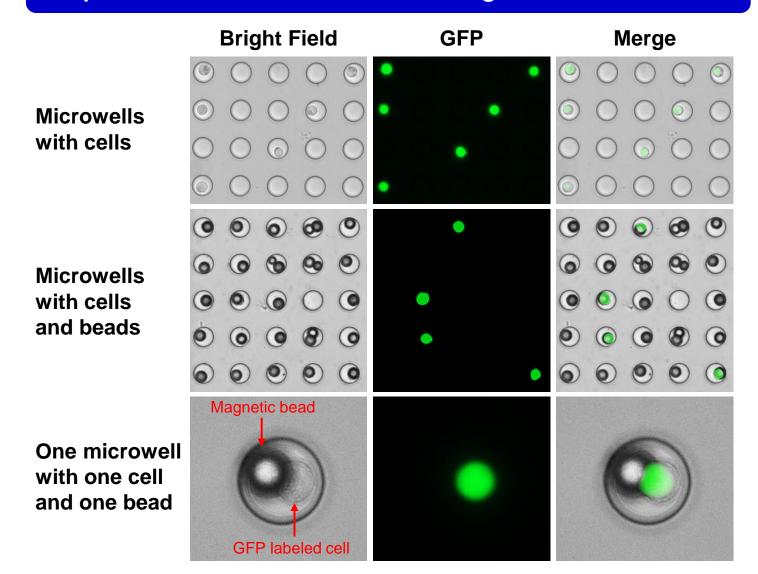
Capture barcoded magnetic beads

Wash away uncaptured beads

Single-cell lysis

- Bead retrieval
- RT, PCR & library
- Sequencing & analysis

Capture of GFP-labeled cells and magnetic beads in MMD



Specifications	Description
Material of Device	PDMS
Size of Device	62 mm x 62 mm
Thickness of Device	2 mm
Diameter of Microwell	30 μm
Depth of Microwell	33±3 μm
Number of Microwell	1,000,000

- The Magnet Kit for MMD is available.
- We also provide custom-made microwell- & micropillar-array devices with desired dimensions.