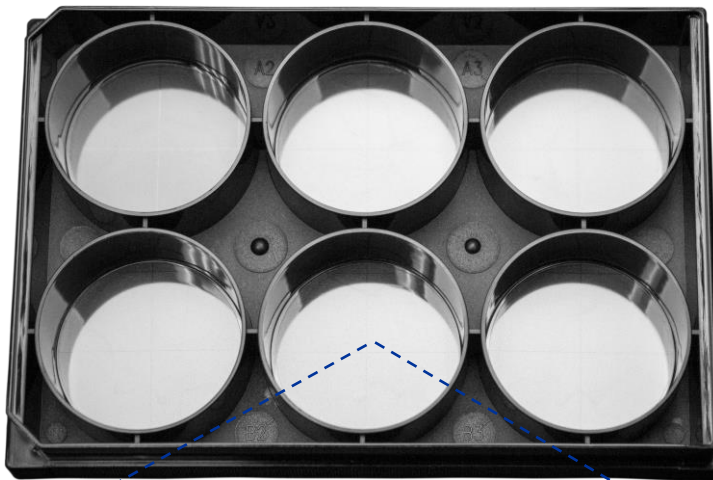
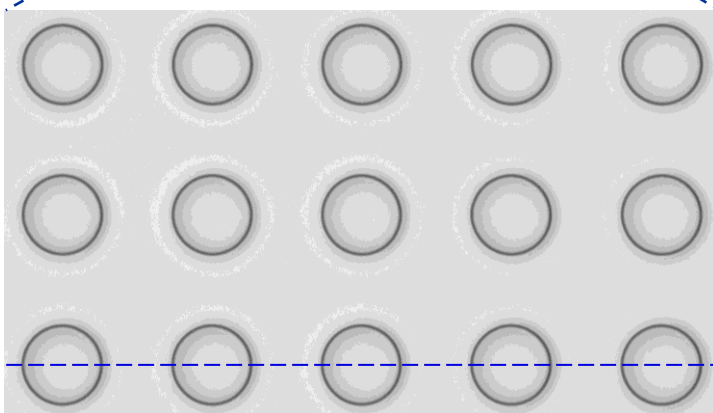


PicoWells In 6-Well Plate provides an easy method to isolate single cells into 1,500,000 picoliter volume wells for high-quality single-cell imaging at #1.5H coverslips and high-throughput single-cell RNA-Seq.

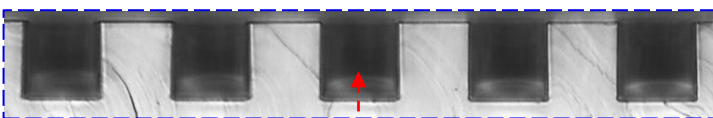
High-throughput and high-quality picoliter volume PDMS well array



H8-PWP-5PK



Microscope cross-section

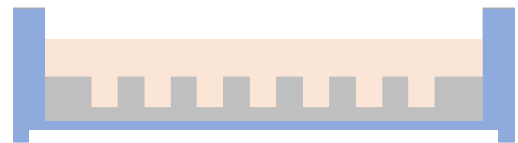


23 picoliter volume well

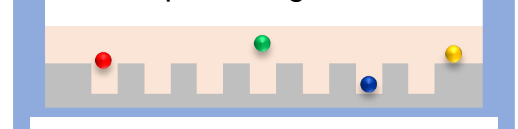
#1.5H glass coverslip bottom

Single-cell isolation, imaging & RNA-Seq

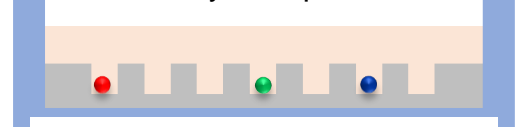
Add solution and remove bubble



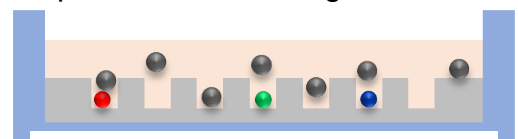
Capture single cells



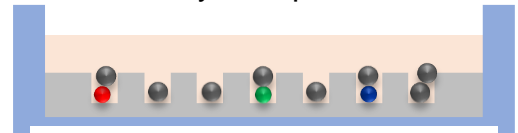
Wash away uncaptured cells



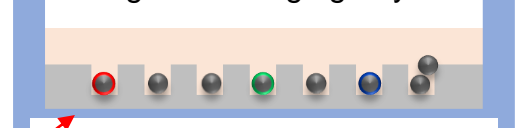
Capture barcoded magnetic beads



Wash away uncaptured beads



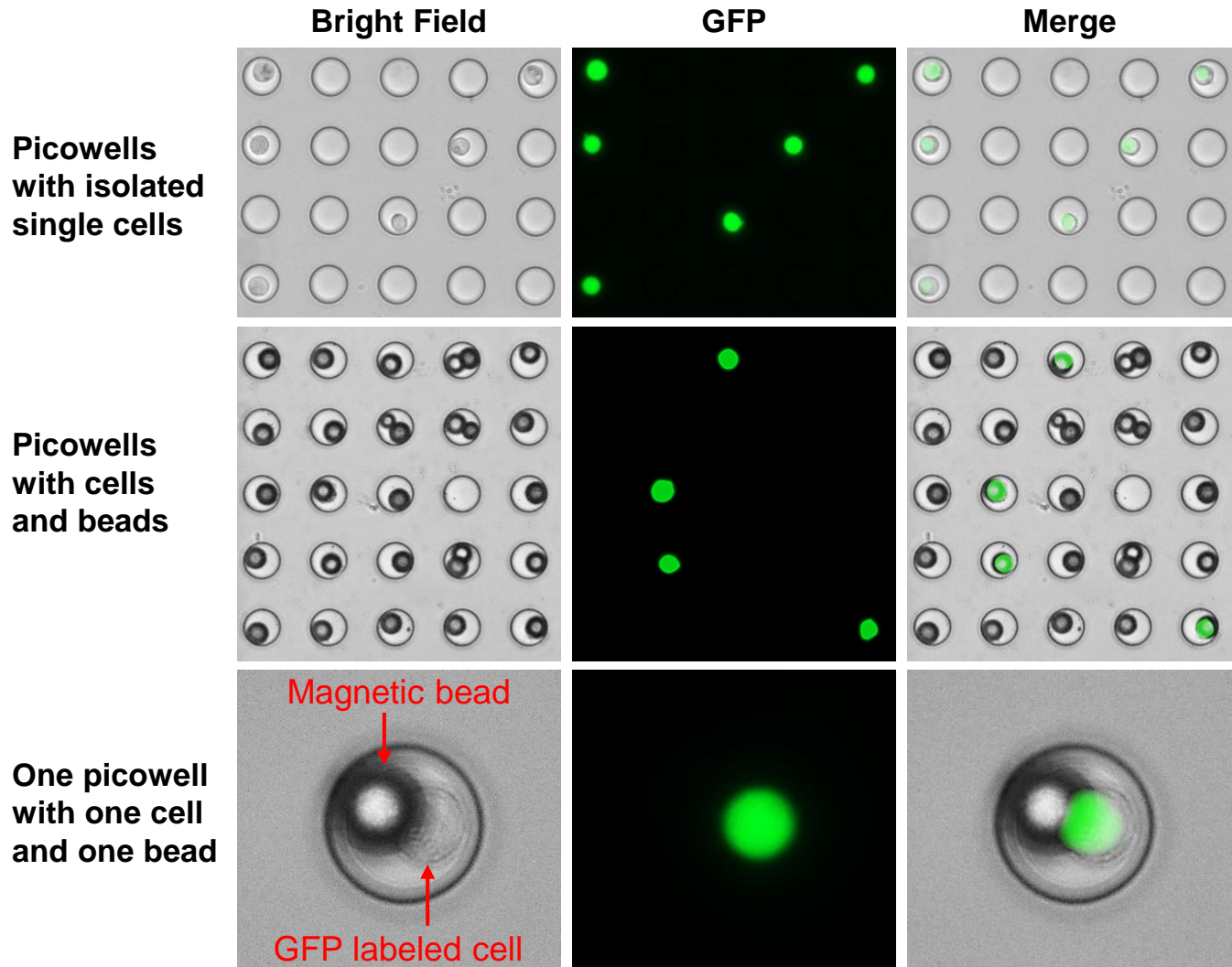
Single-cell imaging & lysis



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



Isolation and Imaging of Single Cells & Beads in Picowells



Specifications	Description
Format	6-Well Plate with lid
Plate Bottom	#1.5H glass coverslip
Thickness of Glass Coverslip	0.170 mm
Material of Picowell	PDMS (biocompatible polymer)
Thickness of PDMS	500 μm
Diameter of Picowell	30 μm
Depth of Picowell	30 μm
Volume of Picowell	23 picoliter
No. of Picowell per Well	250,000
Total No. of Picowell per Plate	1,500,000
Sterility	Sterile

[We also provide custom-made microwell- & micropillar-array devices with desired dimensions.](#)