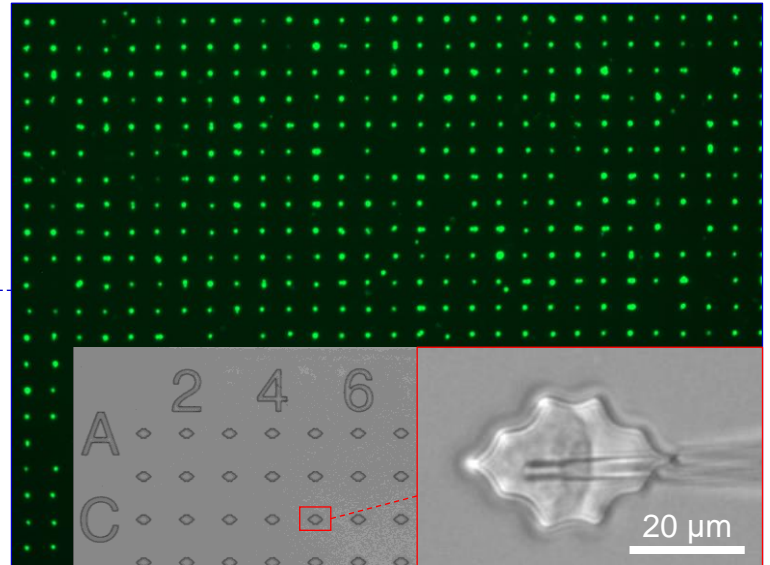
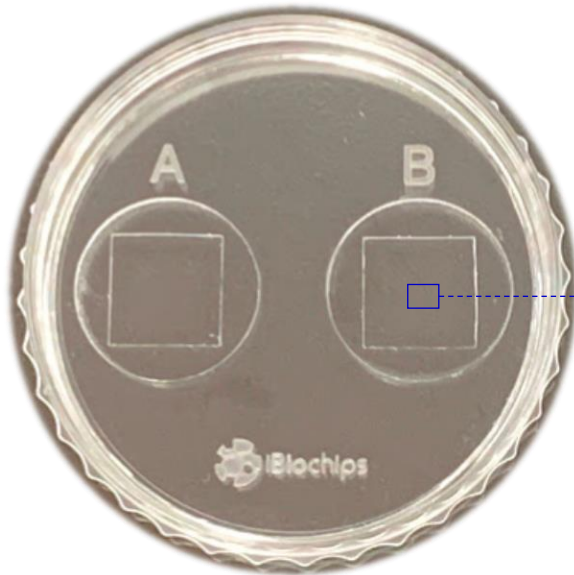


Hold Your Single Cell for Microinjection and Imaging

PicoWell Chamber provides solution for single cell imaging, live tracking of cell-cell interaction, and microinjection for improving high-throughput imaging analysis and intracellular delivery.



Application

- Gene manipulation
- Intracellular injection
- Single cell imaging
- Cell-cell interaction
- Live cell tracking
- High-throughput analysis

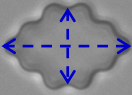
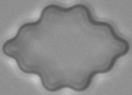


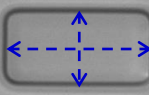
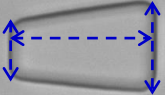
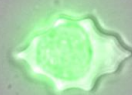
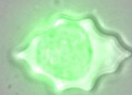




Features

Simple cell loading — Just wet and wash with medium and ready to use. No special treatment required such as plasma or vacuum to remove trapped air.

Multi-well chamber— Two to four well are integrated in standard 60 mm Petri dish format to enable parallel study in multiple experiment condition.

Alpha numeric tag — All of the PicoWell arrays are labeled with alpha numerical tag to identify the target cell position for tracking under microscope.

PicoWell Chamber Specification

Catalog No.	A2-MI-5PK	A2-MIHT-5PK	H5-PW1C-5PK	H5-PW1S-5PK	H5-PW2R-5K	H5-PW2T-5PK
						
						
Application	Microinjection		Single cell imaging		Cell-cell interaction	
Well shape	Textured	Textured	Circular	Squared	Rectangular	Trapezoidal
Well depth	20 μ m					
Well dimension	25 x 35 μ m		\varnothing 25 μ m	25 x 25 μ m	20 x 40 μ m	15 x 25 x 40 μ m
Number of wells/chamber	96 wells /chamber	3,600 wells /chamber	30 x 96 = 2880 wells/chamber			
Number of chambers	4 chambers		2 chambers			
Chamber volume	200 μ l		500 μ l			
Material	Biocompatible PS & PDMS					
Device dimensions	60 mm (Diameter) & 12.6 mm (Height), Compatible with 60 mm Petri Dish					
Sterilization of device	UV sterilized					
Cell diameter range	15 - 20 μ m					

Customize Picowell For Your Application

We provide customization service for shape and size to meet your specific application. For more information, please contact us at info@ibiochips.com or check more info on our website at www.ibiochips.com.