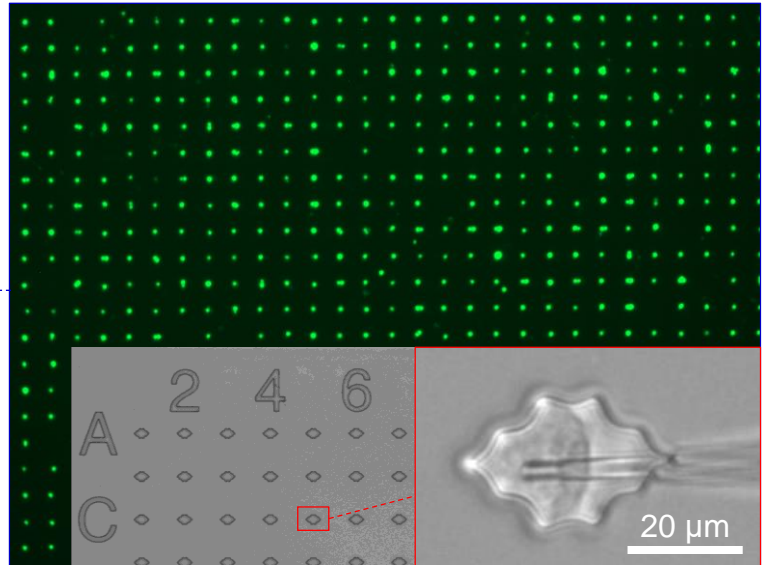
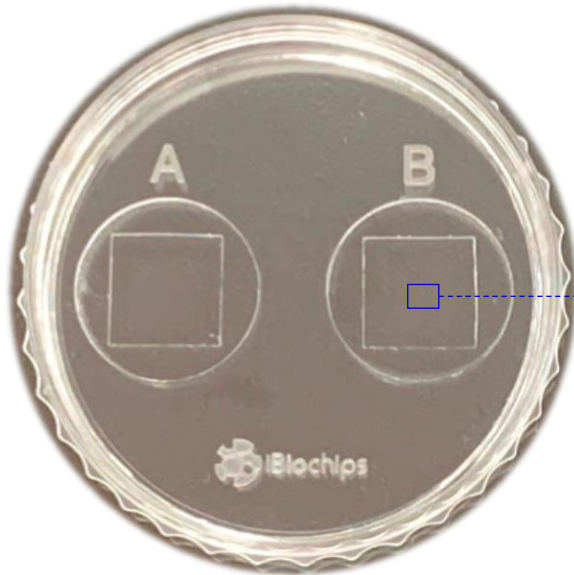


## Hold Your Single Cell for Microinjection and Imaging

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

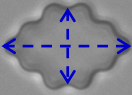
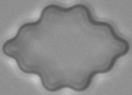


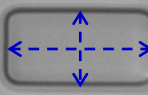
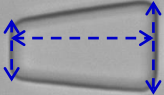
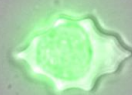
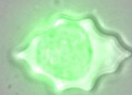




## Features

**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
						
						
<b>Application</b>	Microinjection		Single cell imaging		Cell-cell interaction	
<b>Well shape</b>	Textured	Textured	Circular	Squared	Rectangular	Trapezoidal
<b>Well depth</b>	20 $\mu$ m					
<b>Well dimension</b>	25 x 35 $\mu$ m		$\varnothing$ 25 $\mu$ m	25 x 25 $\mu$ m	20 x 40 $\mu$ m	15 x 25 x 40 $\mu$ m
<b>Number of wells/chamber</b>	96 wells /chamber	3,600 wells /chamber	30 x 96 = 2880 wells/chamber			
<b>Number of chambers</b>	4 chambers		2 chambers			
<b>Chamber volume</b>	200 $\mu$ l		500 $\mu$ l			
<b>Material</b>	Biocompatible PS & PDMS					
<b>Device dimensions</b>	60 mm (Diameter) & 12.6 mm (Height), Compatible with 60 mm Petri Dish					
<b>Sterilization of device</b>	UV sterilized					
<b>Cell diameter range</b>	15 - 20 $\mu$ 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](mailto:info@ibiochips.com) or check more info on our website at [www.ibiochips.com](http://www.ibiochips.com).