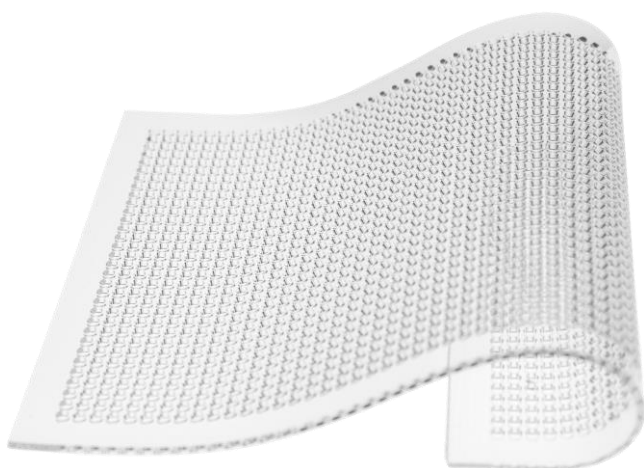


Standard Hole Array can self-seal with commonly used standard platforms having smooth surfaces, including microplate, Petri Dish, microscope slide, and coverslip, to form a desired microwell device.

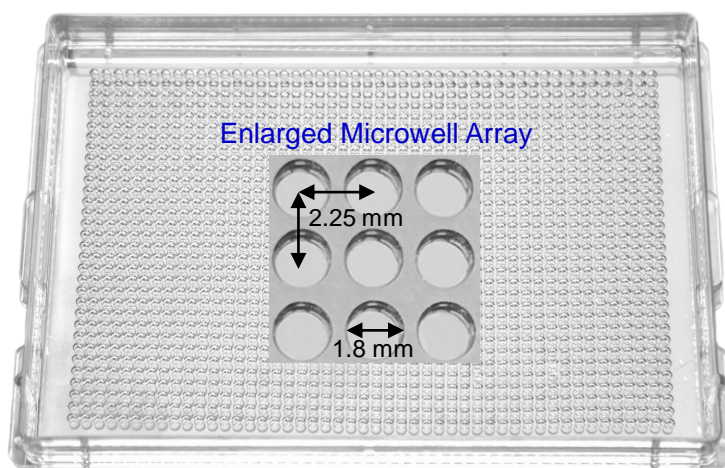
Hole Array-1536



Cat. No. S1-SHA-1536-10PK



Assemble Hole Array-1536 with 1-Well Plate

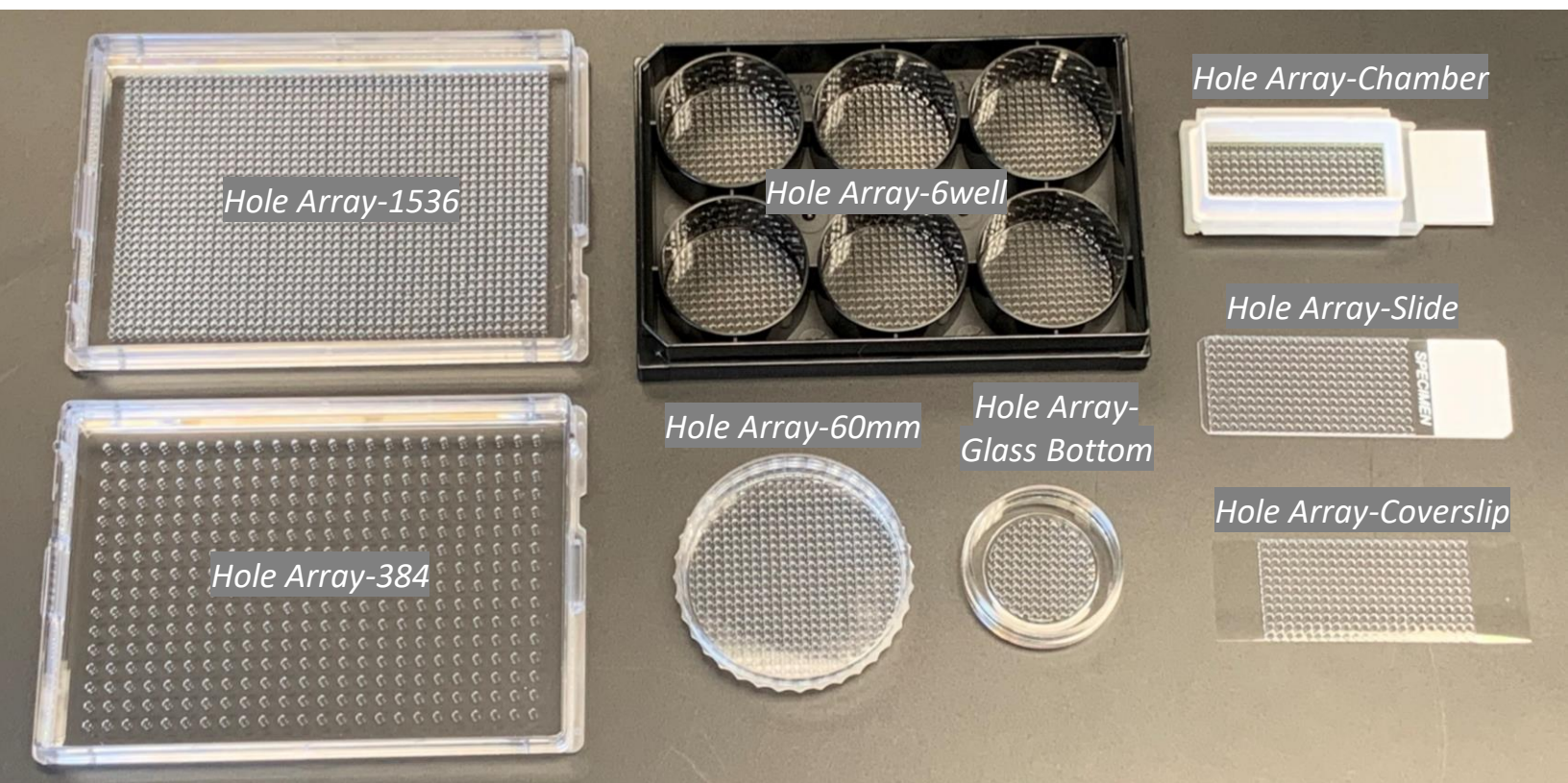


Specifications	Description
Material	Biocompatible PDMS (polydimethylsiloxane)
Hole Diameter*	1.8 mm
Hole Depth	1 mm
Hole Volume	2.5 μ L
Hole Center Spacing	2.25 mm or 4.5 mm
Number of Holes	Between 75 and 1536 depending on platform size and hole density
Hole Pattern	Array
Sterility	Sterile
Compatible Platforms	Microplate, Petri Dish, microscope/chamber slide, coverslip, etc.

** The number, size, and spacing of through holes can be customized.*

Products	Catalog No.	Size of Hole Array	Compatible Platforms	No. of Holes
Hole Array-1536	S1-SHA-1536-10PK	116 mm (L) x 79 mm (W)	1-Well Plate	1,536
Hole Array-384	S2-SHA-384-10PK	116 mm (L) x 79 mm (W)	1-Well Plate	384
Hole Array-6well	S3-SHA-900-10PK	33 mm (Diameter)	6-Well Plate	900
Hole Array-60mm	S4-SHA-350-10PK	50 mm (Diameter)	60 mm Petri Dish	350
Hole Array-Glass Bottom	S5-SHA-75-10PK	25 mm (Diameter)	35 mm Dish with 28 mm Glass Bottom	75
Hole Array-Slide	S6-SHA-240-10PK	75 mm (L) x 25 mm (W)	Microscope Slide (75 mm x 25 mm)	240
Hole Array-Coverslip	S7-SHA-240-10PK	75 mm (L) x 25 mm (W)	Microscope Coverslip (75 mm x 25 mm)	240
Hole Array-Chamber	S8-SHA-160-10PK	43 mm (L) x 17 mm (W)	1-Well Removable Chamber Slide	160

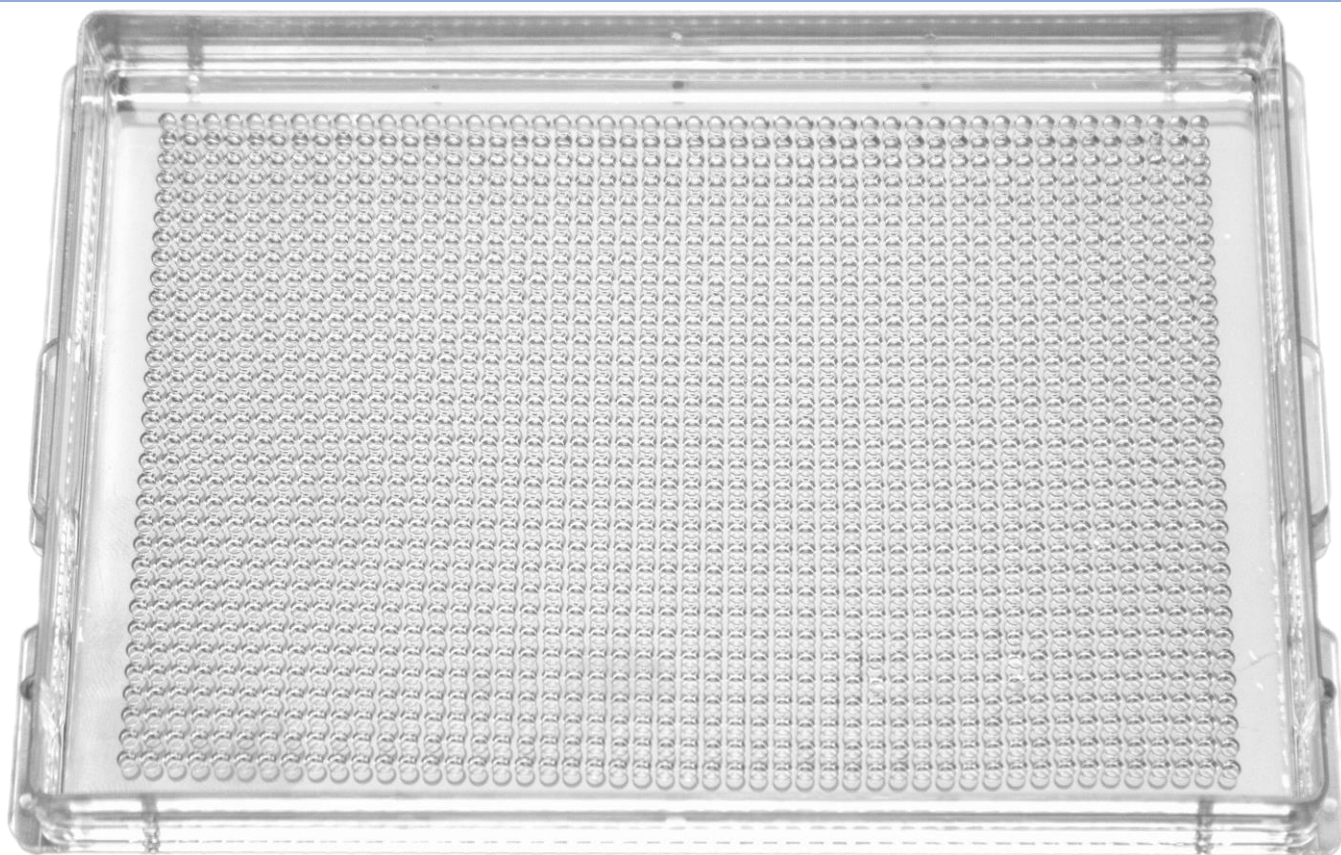
Gallery of 8 Hole Array Products and their Assembled Devices



Features and Applications

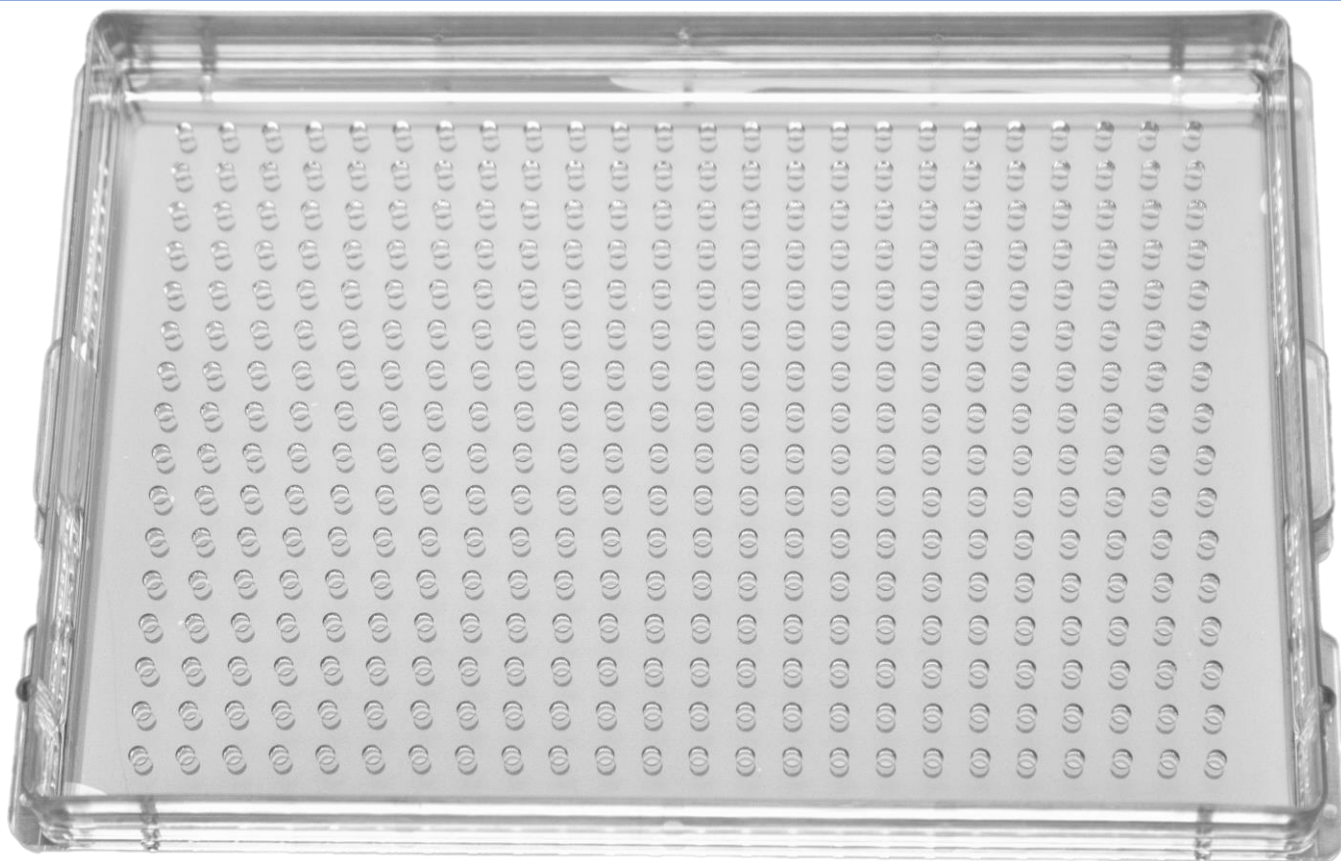
- ✓ Standard Hole Array contains high-quality through holes with smooth edges which are punched only by using iBiochips' Robotic Punching System.
- ✓ Standard Hole Array can easily assemble with many commonly used platforms, including microplates, Petri Dishes, microscope slides, chamber slides, coverslips, silicon wafers, and others with smooth surfaces.
- ✓ The formed devices have very flat microwell bottom surfaces beneficial for subsequent microscopy imaging.
- ✓ The formed high-density microwell array allows for performing multiplex assays in a single device.
- ✓ Cells may be isolated, cultured, and assayed in microwells with hydrophobic well-well barriers.
- ✓ They can be reused by simple water washing and ethanol sterilization.

Assemble a *Hole Array-1536* with a 1-Well Cell Culture Plate



S1-SHA-1536-10PK

Assemble a *Hole Array-384* with a 1-Well Cell Culture Plate



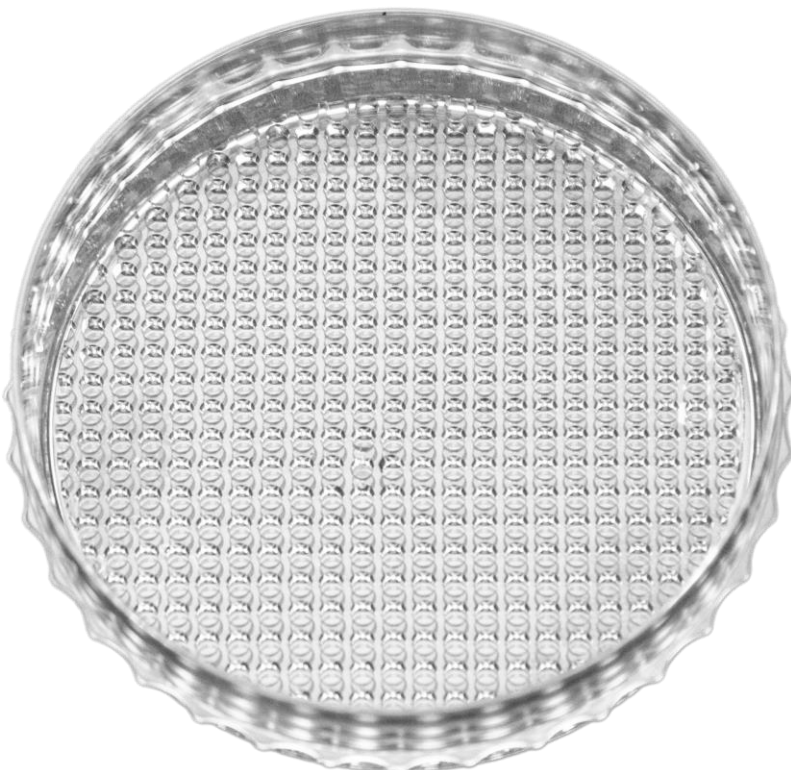
S2-SHA-384-10PK

Assemble a *Hole Array-6well* with a 6-Well Glass Bottom Plate



S3-SHA-900-10PK

Assemble a *Hole Array-60mm* with a Cell Culture Dish



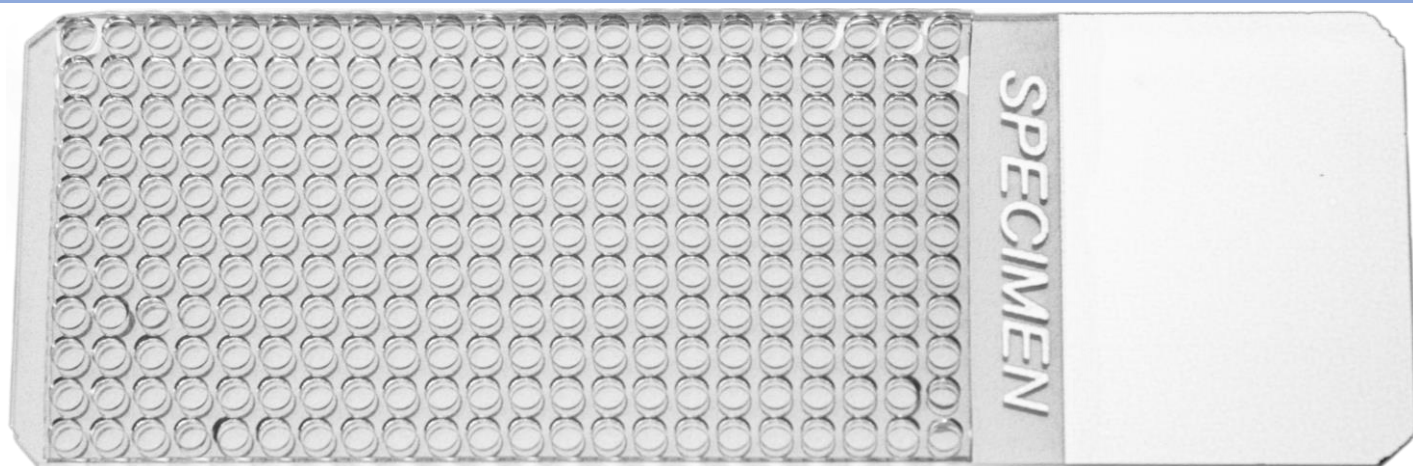
S4-SHA-350-10PK

Assemble a *Hole Array-Glass Bottom* with a Glass Bottom Dish



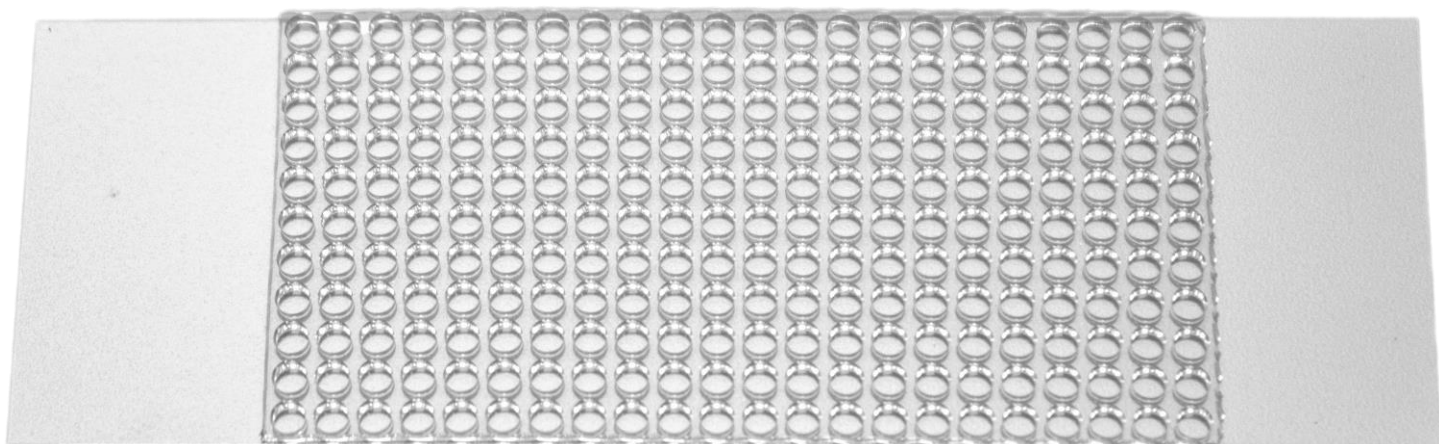
S5-SHA-75-10PK

Assemble a *Hole Array-Slide* with a Microscope Slide



S6-SHA-240-10K

Assemble a *Hole Array-Coverslip* with a Microscope Coverslip



S7-SHA-240-10PK

Assemble a *Hole Array-Chamber* with a 1-Well Chamber Slide



S8-SHA-160-10PK