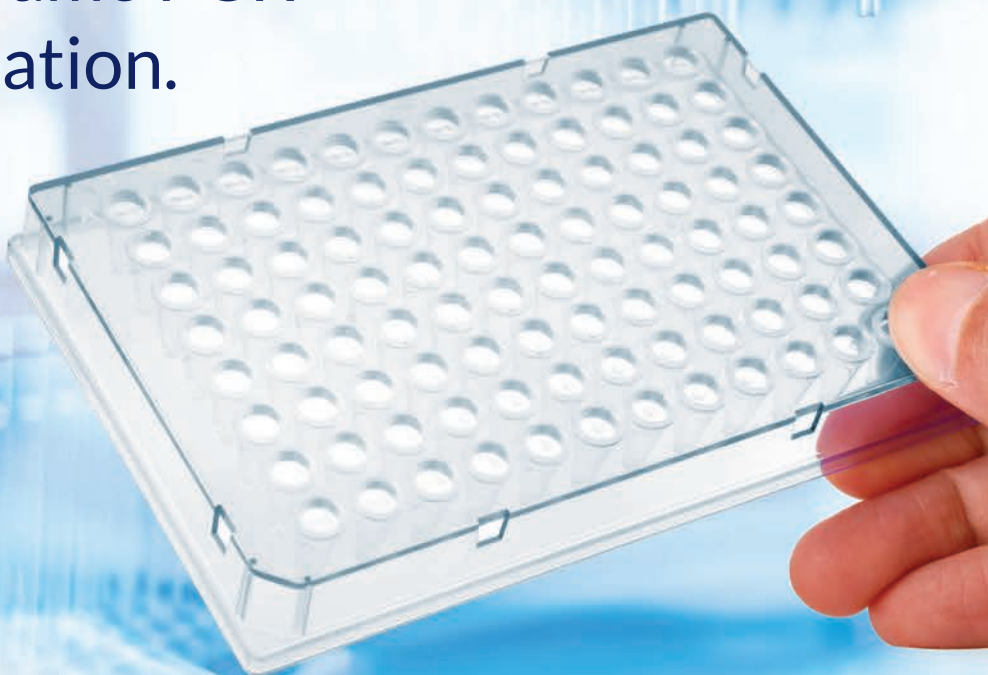


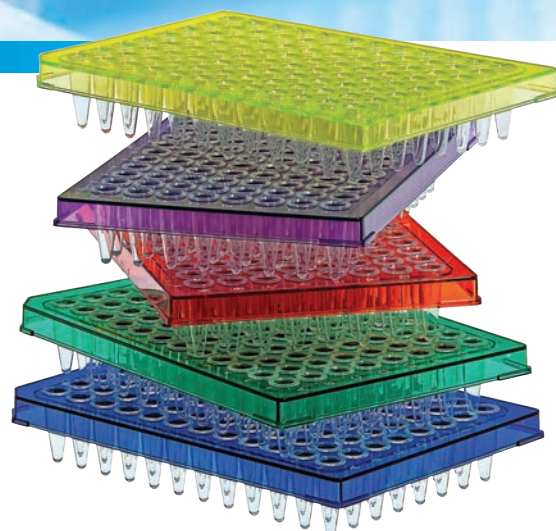


# *Diamond Shell*<sup>™</sup> PCR Plates

Polycarbonate Frame PCR  
Plates for Automation.



More than just PCR, they're  PCR



# Diamond Shell™ PCR Plates

## Reliable Performance. Smart Design. Lab-Ready.

Designed with automation in mind, **Globe Scientific's Diamond Shell™ PCR Plates** are available in the most commonly used formats: 0.1mL low profile, 0.2mL half skirt, and 384-well.

Built to ANSI (SBS) standards, these plates integrate seamlessly with robotic arms and liquid handling workstations. A rigid polycarbonate frame prevents warping and maintains a flat, stable surface, ensuring precise alignment and reliable robotic handling throughout your workflow.

The polypropylene wells support rapid thermal transfer for accurate cycling and optimal yield. Diamond Shell™ white well plates enhance fluorophore signal reflection for improved sensitivity in qPCR applications. Raised rims enable tight, evaporation-resistant seals when used with strip caps, foils, or films — safeguarding sample volume and integrity from start to finish.

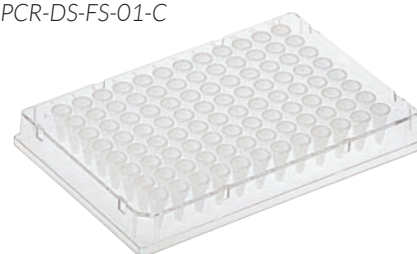
Various frame colors are available to support visual organization of workflows and sample types, and optional barcoding allows for easy sample tracking in high-throughput labs.

## KEY FEATURES:

- Thin-walled polypropylene wells (0.2mm) for optimal thermal transfer
- Rigid polycarbonate frame ensures flat surface and robotic compatibility
- Available in 0.1mL low profile, 0.2mL, and 384-well formats
- Clear and white well options for PCR and qPCR workflows
- Certified free of DNase, RNase, Human DNA, Pyrogens, and PCR inhibitors



PCR-DS-FS-01-C



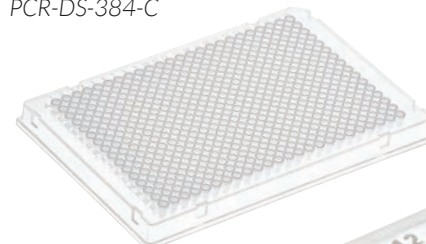
PCR-DS-FS-01-CW



PCR-DS-HS-02-C



PCR-DS-384-C



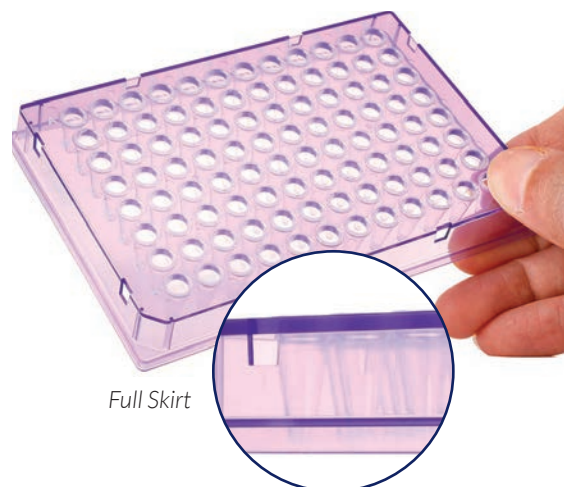
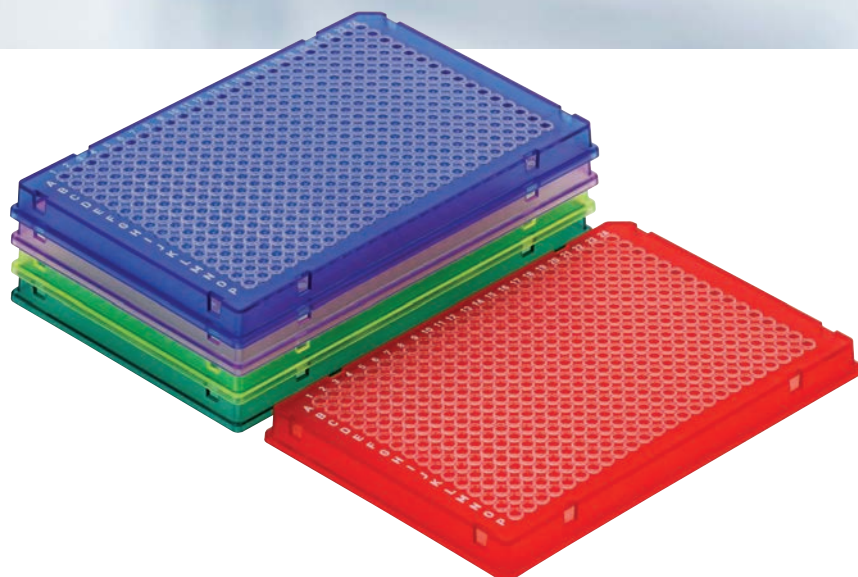
PCR-DS-384-CW

## Diamond Shell™ PCR Plates

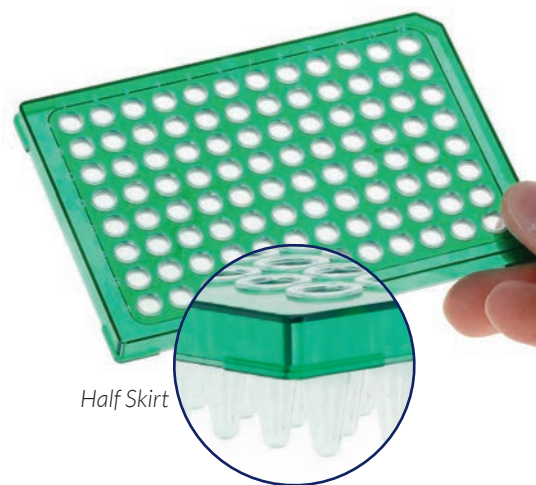
Item #	Wells	Type	Shell Color	Well Color	Unit	Case Qty
<b>Full Skirt</b>						
PCR-DS-FS-01-C	96	0.1mL, full skirt	Clear	Clear	10	100
PCR-DS-FS-01-CW	96	0.1mL, full skirt	Clear	White*	10	100
<b>Half Skirt</b>						
PCR-DS-HS-02-C	96	0.2mL, half skirt	Clear	Clear	10	100
<b>ABI Type</b>						
PCR-DS-384-C	384	ABI® Type, Single Notch Design, A24	Clear	Clear	10	100
PCR-DS-384-CW	384	ABI® Type, Single Notch Design, A24	Clear	White*	10	100

\*White well plates are **qPCR compatible**

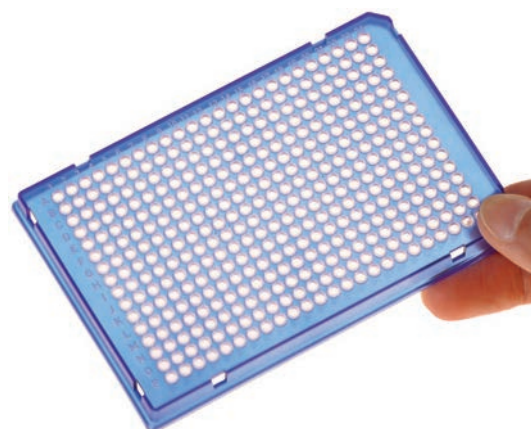




Full Skirt



Half Skirt



ABI® Type

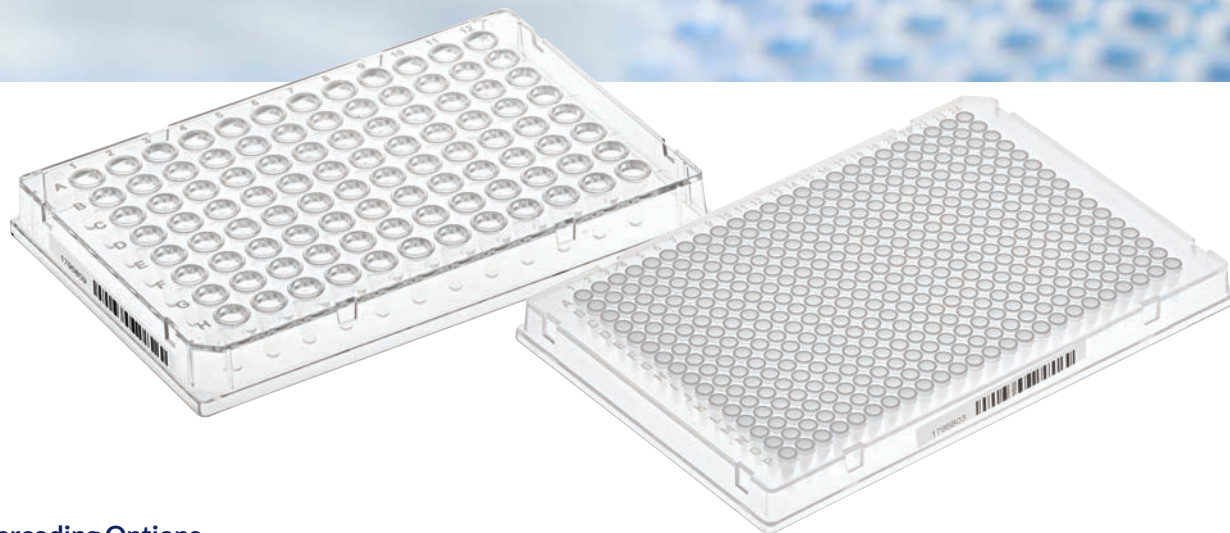
### Globe Scientific Diamond Shell™ PCR Color Plates

Also available are a variety of Diamond Shell™ PCR Plate frame color options. Used to visually identify your specific lab's protocols or samples quickly and efficiently, the following options are available upon request.

### Diamond Shell™ PCR Plate Special Order Color Options

Item #	Wells	Type	Shell Color	Well Color	Case Qty
<b>Full Skirt</b>					
PCR-DS-FS-01-B	96	0.1mL, full skirt	Blue	Clear	100
PCR-DS-FS-01-G	96	0.1mL, full skirt	Green	Clear	100
PCR-DS-FS-01-R	96	0.1mL, full skirt	Red	Clear	100
PCR-DS-FS-01-V	96	0.1mL, full skirt	Violet	Clear	100
PCR-DS-FS-01-Y	96	0.1mL, full skirt	Yellow	Clear	100
PCR-DS-FS-01-RW	96	0.1mL, full skirt	Assorted*	Clear	100
<b>Half Skirt</b>					
PCR-DS-HS-02-B	96	0.2mL, half skirt	Blue	Clear	100
PCR-DS-HS-02-G	96	0.2mL, half skirt	Green	Clear	100
PCR-DS-HS-02-R	96	0.2mL, half skirt	Red	Clear	100
PCR-DS-HS-02-V	96	0.2mL, half skirt	Violet	Clear	100
PCR-DS-HS-02-Y	96	0.2mL, half skirt	Yellow	Clear	100
PCR-DS-HS-02-RW	96	0.2mL, half skirt	Assorted*	Clear	100
<b>ABI Type</b>					
PCR-DS-384-B	384	ABI® Type, Single Notch Design, A24	Blue	Clear	100
PCR-DS-384-G	384	ABI® Type, Single Notch Design, A24	Green	Clear	100
PCR-DS-384-R	384	ABI® Type, Single Notch Design, A24	Red	Clear	100
PCR-DS-384-V	384	ABI® Type, Single Notch Design, A24	Violet	Clear	100
PCR-DS-384-Y	384	ABI® Type, Single Notch Design, A24	Yellow	Clear	100
PCR-DS-384-RW	384	ABI® Type, Single Notch Design, A24	Assorted*	Clear	100
PCR-DS-384-C2N	384	Roche® Type, Two Notch Design, A24/P24	Clear	Clear	100

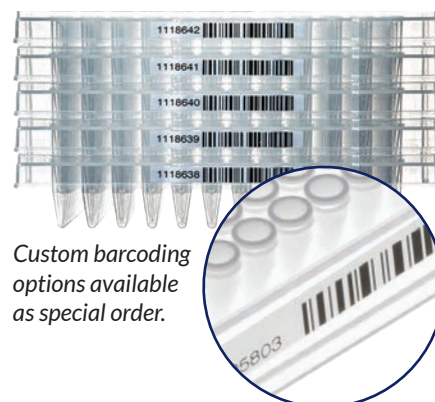
\*Assorted packs contain 2 each: Blue, Green, Red, Violet, and Yellow.



## Barcoding Options

Further enhancing Globe Scientific's Diamond Shell™ PCR Plates are the numerous barcode options available. Barcoding can be done to fit your lab: 1D barcodes, human readable text, long, short sides or both and non-repeating or custom sequence – the choice is yours!

- 1D and human readable
- long, short side barcode printing or both
- custom sequence or non-repeating

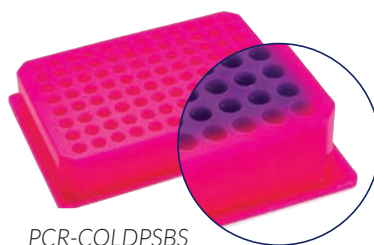


Custom barcoding options available as special order.

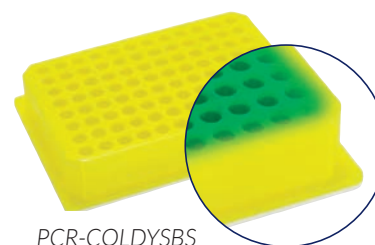
## PCR Cold Prep Racks

Using a cold rack for PCR prep helps maintain stability of the mix. Globe Scientific PCR cold prep racks are designed to be kept in a freezer until time of use. The racks will maintain 4°C on the bench for roughly 3 hours and change color as they warm from 4°C to 7°C.

These 96 well PCR cold work racks change from purple to pink or green to yellow as the rack warms from 4°C to 7°C. SBS / ISBER format footprint for use on automation platforms.



PCR-COLDPSBS



PCR-COLDYSBS

## PCR Cold Prep Racks

Item #	Description	Unit	Case Qty
PCR-COLDPSBS	PCR Cold Work Rack, SBS / ISBER Footprint, 4°C, 96 well for PCR Plates and Strips, Purple to Pink	2	10
PCR-COLDYSBS	PCR Cold Work Rack, SBS / ISBER Footprint, 4°C, 96 well for PCR Plates and Strips, Green to Yellow	2	10



[www.globescientific.com](http://www.globescientific.com)

**Globe Scientific**

400 Corporate Drive • Mahwah, New Jersey 07430 • USA

**Customer service, sales and technical support:**

Phone 1 (800) 394-4562 • 1 (201) 599-1400

Fax 1 (201) 599-1406

E-mail [mail@globescientific.com](mailto:mail@globescientific.com)