

# Axygen® 48-Well PCR Microplate



**Non-sterile, clear, polypropylene 48-well PCR microplate**

Scientists Helping Scientists™ | [WWW.STEMCELL.COM](http://WWW.STEMCELL.COM)

Catalog # 38104

50 Plates

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## Product Description

Axygen® PCR Microplates are ideal for all polymerase chain reaction (PCR) applications. The plates are available in 48-, 96-, and 384-well formats and fit in standard 96- or 384-well thermocyclers. The ultra-thin and consistent wall thickness allows precise thermal transfer for optimal PCR results. The 48-, 96-, and 384-well PCR microplates can be sealed with Axygen® Sealing Film for Quantitative Real-Time PCR (qPCR; Catalog #38108). The 96-well PCR microplates can also be sealed with Axygen® PCR Strip Caps (Catalog #38095) or Axygen® AxyMats™ 96-Round-Well Sealing Mat for PCR Microplate (Catalog #38107). Axygen® PCR Microplates are certified to be non-sterile, RNase/DNase-free, and non-pyrogenic.

Catalog #38098, 96-well, No Skirt - 50 Plates; 10 Plates/pack (Corning Catalog #PCR-96-C)

Catalog #38099, 96-well, Full Skirt - 50 Plates; 10 Plates/pack (Corning Catalog #PCR-96-FS-C)

Catalog #38100, 96-well, Half Skirt, Double Notch - 50 Plates; 10 Plates/pack (Corning Catalog #PCR-96-HS-C)

Catalog #38101, 96-well, Flat Top, No Skirt - 50 Plates; 10 Plates/pack (Corning Catalog #PCR-96-FLT-C)

Catalog #38102, 96-well, Flat Top, Low Profile, No Skirt - 50 Plates; 10 Plates/pack (Corning Catalog #PCR-96-LP-FLT-C)

Catalog #38103, 96-well, Half Skirt, Single Notch - 50 Plates; 10 Plates/pack (Corning Catalog #PCR-96M2-HS-C)

Catalog #38104, 48-well - 50 Plates; 10 Plates/pack (Corning Catalog #PCR-48-C)

Catalog #38105, 384-well, Full Skirt, Double Notch - 50 Plates; 10 Plates/pack (Corning Catalog #PCR-384-C)

Catalog #38106, 384-well, Full Skirt, ABI-Compatible - 50 Plates; 10 Plates/pack (Corning Catalog #PCR-384M2-C)

### COMPATIBILITY

For information on compatibility of Axygen® PCR Microplates with different brands and models of thermocyclers, refer to the Axygen® PCR Plasticware Compatibility Chart, available at [www.stemcell.com](http://www.stemcell.com) or contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

### APPLICATIONS

- PCR
- Real-time PCR (qPCR)

## Properties

**Storage:** Store at 15 - 25°C.

**Shelf Life:** Stable until expiry date on manufacturer label.

## Features

### MATERIAL

- Clear polypropylene
- RNase/DNase-free and non-pyrogenic
- Thin-wall well bottom for precise thermal transfer

### DIMENSIONS

- Designed to fit 96-well blocks

### CAPACITY

- 200 µL per well

### STERILITY

- Non-sterile

## Handling / Directions For Use

Use as directed in protocol of choice.

## Notes and Tips

For chemical resistance or thermoplastic property information, contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

## Related Products

For a complete list of related products available from STEMCELL Technologies, visit [www.stemcell.com](http://www.stemcell.com) or contact us at [techsupport@stemcell.com](mailto:techsupport@stemcell.com).

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