

# Axygen® Automation-compatible PCR Microplate

Unique design prevents plate warping and minimizes evaporation during thermal cycling

**AXYGEN**

A Corning Brand

Warping of PCR microplates through thermal cycling increases sample evaporation and makes them no longer automation-compatible. As a result, Corning invented a unique, one material automation-compatible PCR microplate that sustains flatness post-thermal cycling, has raised-angled rims for improved sealing, and has grid lines for better sample tractability. This microplate is compatible with major automated thermal cyclers, liquid handlers, and sequencers.

## Features

- ▶ A rigid frame with a small split **to remain flat** during thermal cycling without distorting its shape.
- ▶ Specially designed raised rims around the wells provide tight sealing to **minimize evaporation**
- ▶ Grid lines, clear wells, and alphanumeric lettering for improved **sample traceability**
- ▶ Compatible with most major thermal cyclers, sequencers, and automated liquid handlers
- ▶ Ultra-thin walls provide fast and consistent heat transfer during PCR.
- ▶ Nonpyrogenic
- ▶ RNase-/DNase-free
- ▶ PCR inhibition and human DNA-free



## Ordering Information

### Axygen® Automation-compatible PCR Microplate

Cat. No.	Description	Volume (µL)	Qty/Pk	Qty/Cs
 PCR-96-HS-AC-C	Axygen 96-well half skirt automation-compatible, PCR microplate, clear, nonsterile	200	10	50

### Sealing Accessories

Cat. No.	Description	Qty/Pk	Qty/Cs
AM-96-PCR-RD	Sealing mat for 96-well PCR plate	10	50
UC-500	UltraClear pressure sensitive film	100	500
PCR-02-FCP-C	0.2 mL clear, thin wall PCR 8-strip flat caps with writing surface, nonsterile	125	1,250
PCR-02CP-C	0.2 mL clear, thin wall PCR 8-strip domed caps, nonsterile	125	1,250
PCR-2CP-RT-C	0.2 mL ultra-clear, thin wall PCR 8-strip caps for real time PCR, nonsterile	125	1,250
PCR-12-FCP-C	0.2 mL clear, thin wall PCR 12-strip flat caps, nonsterile	80	800

### Compatible with most major real-time PCR thermal cyclers, including:

- ▶ Applied Biosystems 7000, 7300, 7500, 7700, 7900HT, ProFlex™, StepOne™, StepOnePlus™, ViiA™ 7, QuantStudio™ 12K Flex
- ▶ BioRad/MJ Research iCycler®, MyiQ™, iQ5™, Chromo4™, DNA Engine Opticon® 2, CFX96 Touch™, CFX Connect™, MiniOpticon™
- ▶ Eppendorf Mastercycler® ep realplex

### Compatible with most major standard PCR thermal cyclers, including:

- ▶ Applied Biosystems Veriti®, 9600, 9700, 2720
- ▶ BioRad/MJ Research MyCycler™, T100™, C1000 Touch™, S1000™, DNA Engine Tetrad® 2, PTC-100®, PTC-200®, PTC-225 Tetrad, DNA Engine Dyad®, Dyad Disciple™
- ▶ Eppendorf Mastercycler series: ep, pro, nexus, nexus eco, nexus gradient, nexus gradient eco, nexus GSX1, nexus GSX1e, nexus SX1, nexus SX1e

### Compatible with the following Applied Biosystems sequencers:

- ▶ 3100, 3130, 3700, 3730/3730x

### Compatible with most major automated liquid handlers, including:

- ▶ Beckman Coulter, Hamilton, Tecan, Agilent, Perkin-Elmer

For more specific information on claims, visit the Certificates page at [www.corning.com/lifesciences](http://www.corning.com/lifesciences).

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