

Axygen® Automation-compatible PCR Microplate

Unique design prevents plate warping and minimizes evaporation during thermal cycling

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 traceability. 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

| Fisher Scientific Cat. No. | Corning Cat. No. | Description | Volume (µL) | Qty/Pk | Qty/Cs |
|----------------------------|------------------|--|-------------|--------|--------|
| 14-223-400 | PCR-96-HS-AC-C | Axygen 96-well half skirt automation-compatible, PCR microplate, clear, nonsterile | 200 | 10 | 50 |

Accessories

| Fisher Scientific Cat. No. | Corning Cat. No. | Description | Qty/Pk | Qty/Cs |
|----------------------------|------------------|--|--------|--------|
| 14-222-024 | AM-96-PCR-RD | Sealing mat for 96-well PCR plate | 10 | 50 |
| 14-222-873 | UC-500 | UltraClear pressure sensitive film | 100 | 500 |
| 14-222-281 | PCR-02-FCP-C | 0.2 mL clear, thin wall PCR 8-strip flat caps with writing surface, nonsterile | 125 | 1,250 |
| 14-222-264 | PCR-02CP-C | 0.2 mL clear, thin wall PCR 8-strip domed caps, nonsterile | 125 | 1,250 |
| 14-222-302 | PCR-2CP-RT-C | 0.2 mL ultra-clear, thin wall PCR 8-strip caps for real time PCR, nonsterile | 125 | 1,250 |
| 14-222-281 | 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 www.corning.com/certificates.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use only. Not intended for use in diagnostic or therapeutic procedures. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications.

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