

## Count on Axygen for the most complete line of disposable supplies for Real-Time PCR®!



PCR Plate, PCR-96-AB with Ultraclear Film, UC-500 and Compression Mat, CM-96-RT



PCR Tube Strips, PCR-0208-C with Optically Clear Strip Caps, PCR-2CP-RT-C



Axygen TF-series of Filter Tips

### Product Description

Axygen, the most trusted source for disposable supplies for PCR®, is also the place to go when you are doing Real-Time PCR®. We are pleased to introduce all-new 96 and 384-Well Compression Mats for Real-Time PCR®. From the finest quality optical-grade plates, strip tubes and Maxymum Recovery aerosol barrier tips—manufactured from diamond-polished moulds for minimal sample retention—to Ultra-Clear Sealing Film and Optical Flat Cap Strips, Axygen is able to provide everything you need to get the most out of your thermal cycler. Manufacturing in our state-of-the-art facility and support from a dedicated technical team guarantees the most dependable supply of PCR® products to your lab, eliminating frustrating backorders and quality concerns.

### Applications

- Designed specifically for use on top-reading optical systems, including thermal cyclers with Real-Time PCR® capability.
- Products are also ideal for storage and general PCR®.
- Key research environments include genomics, genotyping, gene expression, drug discovery, immunology, and molecular diagnostics.

### Features

- All products are designed specifically for Real-Time PCR
- Engineered and tested on the most popular thermal cyclers
- Tube and plate wells have ultra-thin, consistent wall thickness
- All lots undergo the most rigorous QA/QC procedures in the industry
- Made from ultra-smooth diamond-polished moulds

### Benefits

- Assures optimal performance in every well, every reaction
- Provides a secure fit regardless of the brand of equipment being used
- Gives precise thermal transfer along the entire surface of each well
- Ensures consistent, reliable contamination-free performance
- Reduces sample “hang-up” reducing waste and improving yields

## Restrictions

- Consult Axygen general catalog for specific information regarding chemical resistance
- Functional temperature range for plates and strip tubes/caps is -80 to +121°C
- Functional temperature range for UltraClear sealing film is -40 to +65°C



## Quality Assurance

- Each lot undergoes rigorous inspection and testing to ensure conformance to the highest quality standards
- Each lot is certified to be RNase, DNase and endotoxin safe
- NEW! Lot-specific Certificates of Compliance are available for download at [www.axxygen.com](http://www.axxygen.com)

## Packaging

- See individual item listings below

## Sterility:

- Sterile plates and tubes are available upon request

## Real-Time PCR: Ordering Information

Catalog #	Description	Packaging
PCR-96-C	Unskirted 96-well PCR plate, clear	10 plates/unit, 5 units/case
PCR-96M2-HS-C	Half-skirt 96-well PCR plate, clear	10 plates/unit, 5 units/case
PCR-96-AB-C	Half-skirt 96-well ABI-style PCR plate, clear	10 plates/unit, 5 units/case
PCR-96-FS-C	Full-skirt 96-well PCR plate, clear	10 plates/unit, 5 units/case
PCR-384-C	384-well double-notched PCR plate, clear	10 plates/unit, 5 units/case
PCR-384M2-C	384-well single-notched PCR plate, clear	10 plates/unit, 5 units/case
PCR-384-55-C	384-well double-notched 55µl PCR plate, clear	10 plates/unit, 5 units/case
CM-96-RT	Compression mat for 96-well Real Time PCR	10 mats/unit, 5 units/case
CM-384-RT	Compression mat for 384-well Real Time PCR	10 mats/unit, 5 units/case
UC-500	UltraClear optical sealing film	100 films/unit, 5 units/case
PCR-0208-C	8-Strip 0.2ml PCR Tubes, clear	125 strips/unit, 10 units/case
PCR-2CP-RT-C	Optical flat cap strips for strip tubes or plates	125 strips/unit, 10 units/case

## Axygen Maxymum Recovery Filter Barrier Tips

TF-300-L-R-S	Filter tip, 0.5-10µl, racked, sterile	96 tips/rack, 10 racks/unit, 5 units/case
TXLF-10-L-R-S	Filter tip, extended length, 0.5-10µl, racked, sterile	96 tips/rack, 10 racks/unit, 5 units/case
TF-20-L-R-S	Filter tip, 20µl, racked, sterile	96 tips/rack, 10 racks/unit, 5 units/case
TF-200-L-R-S	Filter tip, 200µl, racked, sterile	96 tips/rack, 10 racks/unit, 5 units/case
TF-1000-L-R-S	Filter tip, 1000µl, racked, sterile	100 tips/rack, 10 racks/unit, 5 units/case



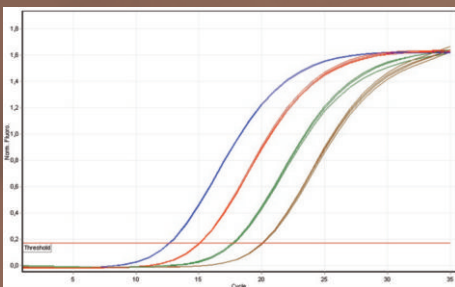
# Rotor-Gene<sup>®</sup> compatible strips

INNOVATION  
& INTEGRITY

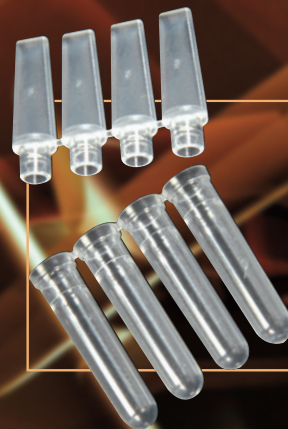
- Lower background fluorescence
- Better signal to noise ratio
- Easy snap and lock caps
- Reduced evaporation

AXYGEN 0.1 ML STRIP TUBES AND CAPS are designed to offer the lowest background and perfectly match the Rotor-Gene Q requirements. A recent study demonstrates the superior performance of these tubes over other brands.

Real-Time amplification using Axygen 0.1ml Rotor-Gene tubes with SYBR Green I master mix



Reaction volume: 15 $\mu$ l  
Serial dilution: 5-fold serial dilution of plasmid DNA containing GAPDH gene, 4 dilutions  
4 replicate reactions for each dilution



Tubes and caps are in strips of four and are in separate bags for ease of handling and labeling, the extensions of the caps are frosted. Each box contains 250 strips of tubes and caps respectively. Each case contains 10 packs.

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

Cat No	Description	Packaging
PCR-0104-C	0.1 ml Strip Tubes and Caps	250 Strips of 4 per pack, 10 packs per case