

The highest quality for precision analyses



PCR products

H I G H - T E C H D I S P O S A B L E S

BRAND has significantly expanded its family of extra-thin-wall disposable products to meet the strict requirements of the polymerase chain reaction (PCR).

- **A convenient plate** for all current thermocyclers and sequencers
- **Blue cut corner markings** for easier orientation
- **Reinforced plate deck** for exceptional stability and smoothness
- **Free from DNases, DNA, and RNases, and endotoxins**
- **White PCR plates** are available for best results with quantitative real-time PCR





PCR

A variant for every application!

BRAND has significantly expanded its product range of extra-thin-wall disposable products, which were specially developed to satisfy the demands of PCR applications, particularly in 96-well PCR plates. Single tubes, strips of 8 and 12, and, for high sample throughput, PCR plates in 24-well, 48-well, 96-well and

384-well formats are available. Thus, there is an optimal product for every application. The plates and strips come in white for use in quantitative PCR. A rich selection of high-quality sealing media completes the portfolio. We offer the optimum product for any application.

Features

- Suitable for use in common thermal cyclers
- PP, extra-thin uniform wall thicknesses to provide the optimal thermal transfer and short cycle times
- The high stability of the plates prevents warping during the temperature cycle
- 96-well PCR plates with blue alphanumeric code and cut corner marking
- Highly transparent flat covers optimally suited for qPCR
- High biocompatibility with no PCR inhibition
- DNase-, DNA-, RNase-free and endotoxins
- Autoclavable at 121 °C (2 bar), acc. DIN EN 285

Cleanroom production



BRAND disposable items for the life sciences are produced using the most advanced cleanroom techniques in one of the world's largest cleanrooms for laboratory disposable items. Continuous cleanroom monitoring, together with precise control of environmental conditions, ensures a high level of temperature stability over the entire production area. This

uniformity, together with quality testing of the final product by batch, guarantees the consistently high quality of life science products from BRAND.

Depending on the desired usage environment for the final product, cleanroom conditions according to ISO 14644-1 (Classes 5, 7 and 8) are available for manufacturing.

Real-Time PCR



qPCR PCR Plates:


Plates that fit in quantitative Real-Time thermal cyclers, also available in white

qPCR PCR Tubes:

Tubes with highly transparent caps for sensitive detection of fluorescence signals

qPCR PCR Seals:

Seals, highly transparent for sensitive detection of fluorescence signals

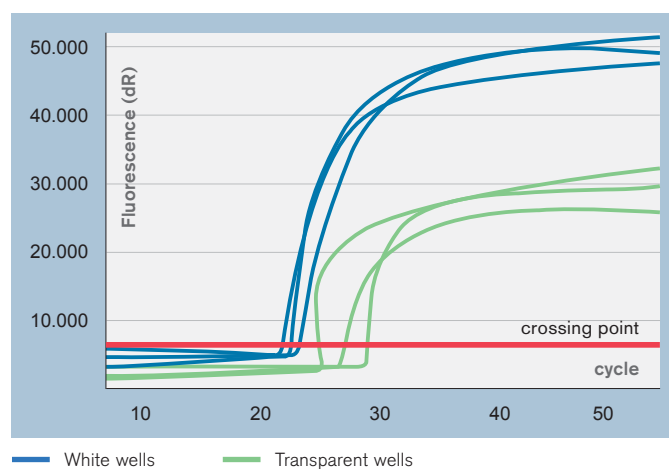
Note!  Autoclaves can be a source of contamination for disposable products.

The Polymerase Chain Reaction (PCR) is covered by international patents. Use of the PCR process may require a license.

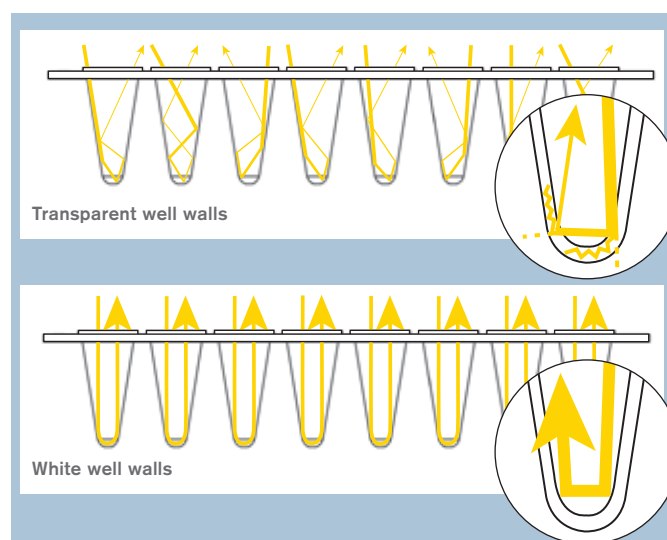
PCR products in white

BRAND offers specially designed white PCR disposables for optimum results in quantitative PCR (qPCR). These white PCR plates and tubes offer the highest possible sensitivity and high-precision fluorescence detection.

Compared to conventional transparent plates, white PCR products maximize the reflection signal and permit measurement of even the smallest signals.



qPCR amplification of 100 ng, 10 ng, and 1 ng of human DNA, with white plates (blue lines) and clear plates (green lines). With white PCR products, the crossing point (cp) threshold is reached faster, and the measured fluorescence at endpoint is significantly greater.



White walls also protect the PCR products prior to signal transfer throughout the thermocycler block. Thus, measurements are unaltered and more precise.

Single PCR tubes and strips



0.2 ml and 0.5 ml PCR tubes with attached caps are compatible with leading thermal cyclers with heated lids. Optimal sealing of the cap minimizes fluid loss through evaporation. The caps are easy to open and close

without tools, yet ensure a tight fit to reduce sample evaporation. The various colors of the PCR tubes allow fast sample classification.



domed cap

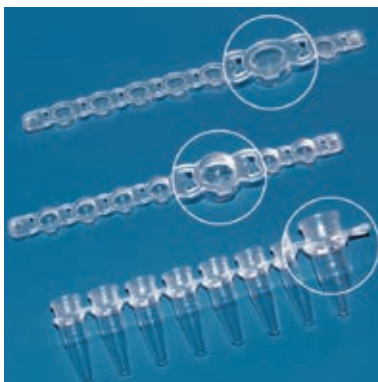
flat cap

0,2 ml and 0,5 ml

with attached caps

PP. Pack of 1000.

| Capacity ml | Description | Color | Cat. No. |
|-------------|-------------|--------|----------|
| 0,2 | domed cap | clear | 7813 00 |
| 0,2 | flat cap | clear | 7813 05 |
| | flat cap | rose | 7813 01 |
| | flat cap | yellow | 7813 02 |
| | flat cap | green | 7813 03 |
| | flat cap | blue | 7813 04 |
| 0,5 | flat cap | clear | 7813 10 |
| | flat cap | rose | 7813 11 |
| | flat cap | yellow | 7813 12 |
| | flat cap | green | 7813 13 |
| | flat cap | blue | 7813 14 |



Strips of 8

with detached cap strips

PP. 8 connected 0.2 ml tubes. Separate, domed or flat caps are available in strips of 8. They are easy to open and close without tools. The tubes have a holding strap at one

end, and the cover strips on each cap have a small lip on the side for careful, contamination-free opening. Pack of 125 strips, 1000 vessels or caps, total.

| Capacity ml | Color | Strips of 8 PCR tubes Cat. No. | Strips of 8 PCR caps domed Cat. No. | Strips of 8 PCR caps flat* Cat. No. |
|-------------|--------|--------------------------------|-------------------------------------|-------------------------------------|
| 0.2 | clear | 7813 20 | 7813 40 | 7813 34 |
| | rose | 7813 21 | 7813 41 | — |
| | yellow | 7813 22 | 7813 42 | — |
| | green | 7813 23 | 7813 43 | — |
| | blue | 7813 24 | 7813 44 | — |
| | white | 7813 25 | — | — |

Pack of 250 strips each, 2000 tubes and 2000 caps, total.

| Capacity ml | Color | Strips of 8 PCR tubes and strips of 8 PCR caps domed Cat. No. | Strips of 8 PCR tubes and strips of 8 PCR caps flat* Cat. No. |
|-------------|-------|---|---|
| 0.2 | clear | 7813 27 | 7813 26 |



* flat caps suitable for Real-Time PCR

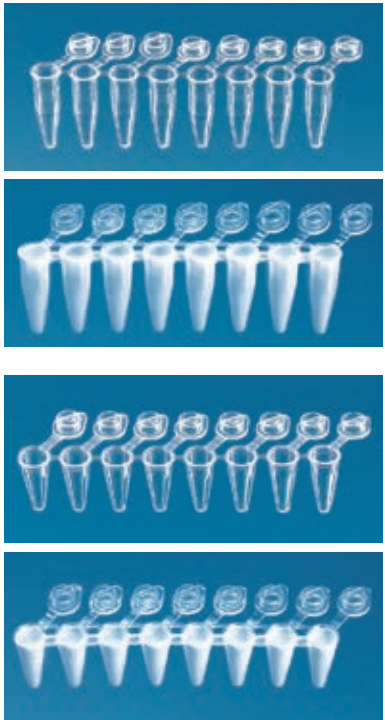
Strips of 8 PCR tubes

with attached flat individual caps

PP. 8 connected 0.2 ml or 0.15 ml tubes with attached, flat individual caps – ideal protection against contamination. The highly transparent cap makes them ideal for

real-time PCR. Available in standard (0.2 ml) and low profile (0.15 ml) versions. Pack of 120 Strips, 960 vessels total.

| Description | Volume ml | Color | Pack of | Cat. No. | |
|-------------|-----------|-------|--------------------|----------|--|
| Standard | 0.2 | clear | 120 strips per bag | 7813 32 |  |
| Standard | 0.2 | white | 120 strips per bag | 7813 16 |  |
| Low profile | 0.15 | clear | 120 strips per bag | 7813 33 |  |
| Low profile | 0.15 | white | 120 strips per bag | 7813 17 |  |



Strips of 8 PCR tubes

with attached cap strips

PP. 8 connected 0.2 ml tubes with attached cap strips. Domed caps facilitate one-

handed operation. Pack of 125 strips, 1000 vessels, total.

| Description | Volume ml | Color | Pack of | Cat. No. |
|-------------|-----------|-------|--------------------|----------|
| Standard | 0.2 | clear | 125 strips per bag | 7813 30 |

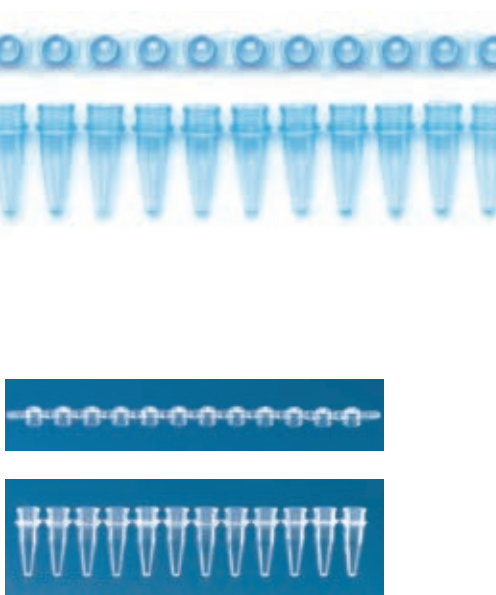



Strips of 12

with detached cap strips

PP. 12 connected 0.2 ml tubes. The of 12. They ensure a secure seal. Pack of separate domed caps are available in strips 125 strips, 1500 vessels or caps, total.

| Capacity ml | Color | Strips of 12 PCR tubes Cat. No. | Strips of 12 PCR caps Cat. No. |
|-------------|--------|---------------------------------|--------------------------------|
| 0.2 | clear | 7812 80 | 7812 90 |
| | rose | 7812 81 | 7812 91 |
| | yellow | 7812 82 | 7812 92 |
| | green | 7812 83 | 7812 93 |
| | blue | 7812 84 | 7812 94 |



Note!  8- and 12-cap strips are also suitable for sealing PCR plates.

q!PCR 24-well and 48-well PCR Plates

These plates reduce material costs and allow work on a compact PCR plate even with small sample throughputs.

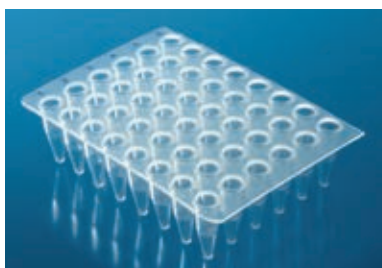
The plates are cut from standard 96-well PCR plates.



24-well, non-skirted

PP. 0.2 ml wells. Suitable for most commercially available thermal cyclers.


| Description | Color | Pack of | Cat. No. |
|------------------|-------|-----------------------|----------------|
| Standard profile | clear | 40 (5 plates per bag) | 7814 11 |
| Standard profile | white | 40 (5 plates per bag) | 7814 12 |

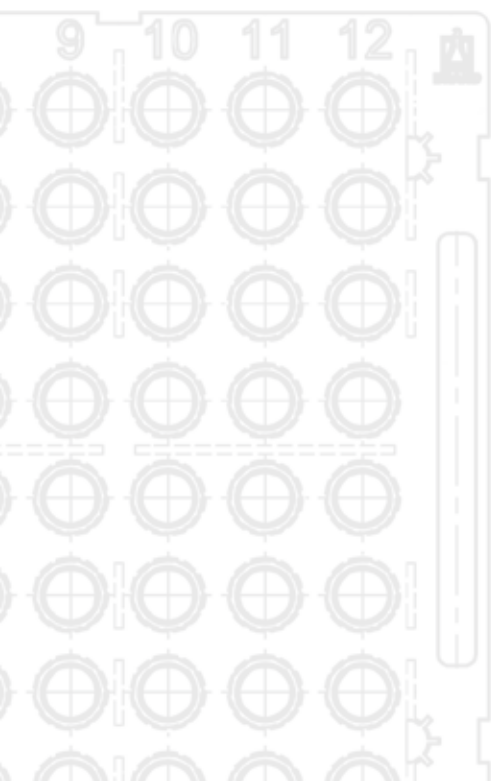


48-well, non-skirted

PP. 0.2 ml wells. Suitable for most commercially available thermal cyclers.

| Description | Color | Pack of | Cat. No. |
|------------------|-------|-----------------------|----------------|
| Standard profile | clear | 20 (5 plates per bag) | 7814 15 |
| Standard profile | white | 20 (5 plates per bag) | 7814 16 |

Note!  To obtain the optimal plate format for a smaller number of samples, use commercial shears to cut them out from frameless PCR plates.



qPCR 96-well PCR Plates

The ultra thin-walled PCR plate design facilitates constant, rapid and precise heat transfer. The smooth vessel interior minimizes the binding of enzymes and nucleic acid to the

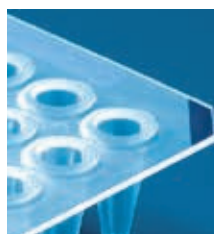
walls. The rim of the wells are designed to protect against cross-contamination, allowing a reliable seal with the sealing mats tailored to the plates.

The use of Real-Time PCR (qPCR) is becoming increasingly widespread. In particular, the direct quantification of the DNA formed can be achieved by the use of fluorescence measurement. White PCR products by BRAND offer significantly better results in this application than transparent

tubes. The different products in this line are uniformly colored with TiO₂ (titanium dioxide), so that in combination with the smooth surfaces, the optimum reflection of the fluorescence signal is provided.



The new 96-well plates from BRAND stand out with their blue alphanumeric coding!



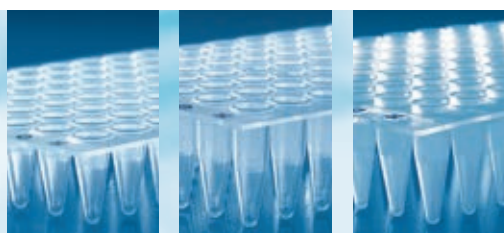
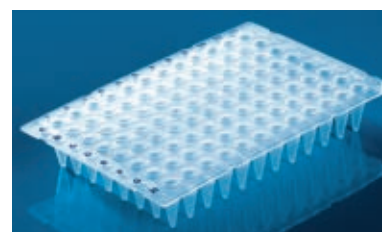
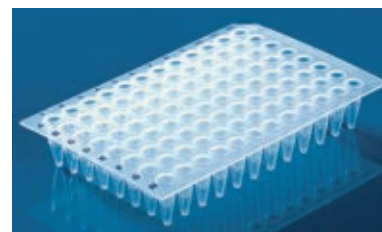
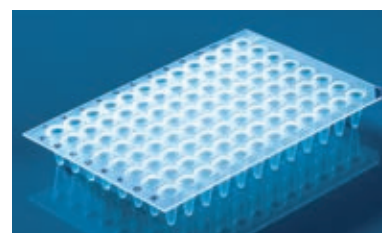
The cut corner design simplifies orientation!

96-well, non-skirted

PP. 0.2 ml wells. 96-well non-skirted PCR plates are suitable for most commercially available thermal cyclers.

| Description | Volume ml | Color | Cut corner | Pack of | Cat. No. |
|--------------------------------|-----------|-------|------------|-----------------------|----------------|
| Low profile | 0.15 | clear | H12 | 50 (5 plates per bag) | 7813 66 |
| Low profile | 0.15 | white | H12 | 50 (5 plates per bag) | 7813 67 |
| Standard profile | 0.2 | clear | A12 | 50 (5 plates per bag) | 7813 68 |
| Standard profile | 0.2 | white | A12 | 50 (5 plates per bag) | 7813 69 |
| Standard profile, elevated rim | 0.2 | clear | H12 | 50 (5 plates per bag) | 7813 50 |
| Standard profile, elevated rim | 0.2 | white | H12 | 50 (5 plates per bag) | 7813 54 |

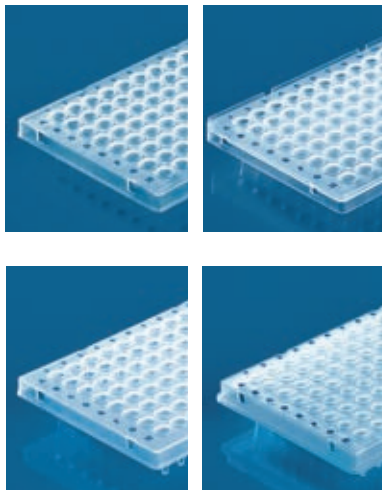
* no additional markings on the cut corner.



Low profile

Standard profile

Standard profile, elevated rim



96-well, semi-skirted

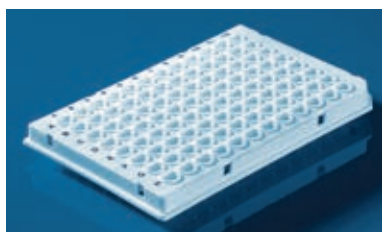
PP. 96-well semi-skirted PCR plates can easily be labeled or tagged with a barcode.

| Description | Volume ml | Color | Cut corner | Pack of | Cat. No. |
|--------------------------------|-----------|-------|------------|-----------------------|----------------|
| Low profile | 0.15 | clear | A12 | 50 (5 plates per bag) | 7813 71 |
| Low profile | 0.15 | white | A12 | 50 (5 plates per bag) | 7813 72 |
| Low profile, raised skirt | 0.15 | clear | A1 | 50 (5 plates per bag) | 7813 73 |
| Low profile, raised skirt | 0.15 | white | A1 | 50 (5 plates per bag) | 7813 74 |
| Standard profile | 0.2 | clear | A12 | 50 (5 plates per bag) | 7813 75 |
| Standard profile | 0.2 | white | A12 | 50 (5 plates per bag) | 7813 76 |
| Standard profile, elevated rim | 0.2 | clear | H12 | 50 (5 plates per bag) | 7814 00 |
| Standard profile, elevated rim | 0.2 | white | H12 | 50 (5 plates per bag) | 7813 57 |

96-well, semi-skirted

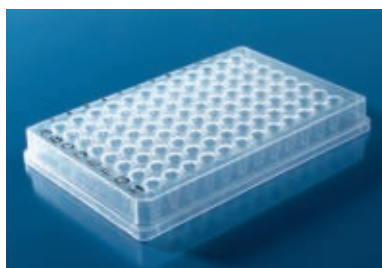
Suitable for Roche® LightCycler® 480 and other thermal cyclers

PP. 0.15 ml wells. Semi-skirted. With black alphanumeric code. Available with or without self-adhesive sealing film (polyester, high-transparent, for qPCR).



| Description | Volume ml | Color | Cut corner | Pack of | Cat. No. |
|--------------|-----------|-------|------------|---|----------------|
| Low profile* | 0.15 | white | H12 | 50 (10 plates per bag) | 7813 64 |
| Low profile* | 0.15 | white | H12 | 50 (10 plates per bag) + 50 films for qPCR | 7813 65 |

* black alphanumeric code, no additional markings on the cut corner.



96-well, skirted

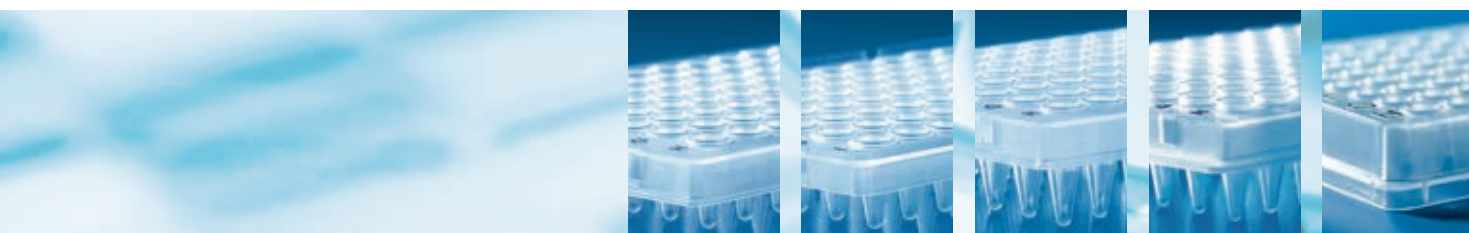
PP. 0.15 ml wells. 96-well skirted PCR plates are especially rigid, and are optimally suited for use with automatic pipetting systems and for being transported.

| Description | Volume ml | Color | Cut corner | Pack of | Cat. No. |
|--------------|-----------|-------|------------|------------------------|----------------|
| Low Profile* | 0.15 | clear | H1 | 50 (10 plates per bag) | 7813 77 |
| Low Profile* | 0.15 | white | H1 | 50 (10 plates per bag) | 7813 78 |

* black alphanumeric code, no additional markings on the cut corner.

Strips of 8 PCR caps for 96-well PCR plates

| Cap strips for PCR plates | Pack of | Cat. No. |
|--|------------|----------------|
| PCR caps, flat, clear (for Cat. No. 7813 66-69, 7013 71-76) | 125 strips | 7813 34 |
| PCR caps, domed, clear (for Cat. No. 7813 66-69, 7013 71-76) | 125 strips | 7813 40 |
| PCR caps, flat, clear (for Cat. No. 7813 77-78) | 300 strips | 7814 13 |
| PCR caps, domed, clear (for Cat. No. 7813 77-78) | 300 strips | 7814 14 |



Low profile,
semi-skirted

Low profile,
semi-skirted,
raised skirt

Standard profile,
semi-skirted

Standard profile,
semi-skirted,
elevated rim

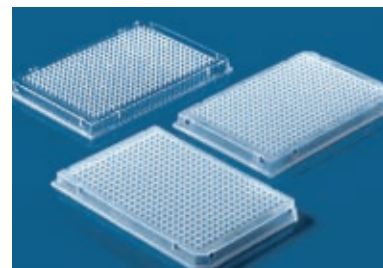
Low profile,
skirted

q!PCR 384-well PCR Plates

384-well, skirted

PP. The 40 μ l wells can hold sample volumes of 2 μ l to 30 μ l. This helps to reduce reagent costs and shortens cycle times. The plates

can be filled using multichannel pipettes or robotic systems.



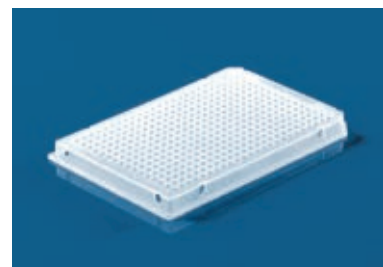
| Description | Color | Cut corner | Pack of | Cat. No. |
|----------------------|-------|------------|------------------------|----------------|
| Skirted, PP | clear | A24, H24 | 50 (10 plates per bag) | 7813 45 |
| Skirted, PP | clear | A24 | 50 (10 plates per bag) | 7813 47 |
| Skirted, rigid plate | clear | A24 | 50 (10 plates per bag) | 7813 48 |

384-well, skirted

Suitable for Roche® LightCycler® 480 and other thermal cyclers

PP. 0.03 ml tubes. The wells can hold sample volumes of 2 μ l to 30 μ l. This helps to reduce reagent costs and shortens cycle times.

The plates can be filled using multichannel pipettes or robotic systems.



| Description | Color | Cut corner | Pack of | Cat. No. |
|-------------|-------|------------|------------------------|----------------|
| Skirted | white | A24, H24 | 50 (10 plates per bag) | 7813 58 |

Accessories PCR Plates

Cap Tool

For reliable sealing and opening of cover caps

Caps are sealed tightly and securely using a special capping tool. The specially adapted lever enables safe, simple uncapping without splashing! Handy and lightweight material for fatigue-free operation.



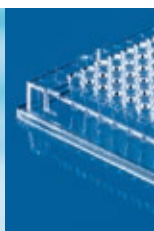
| Cat. No. | 7814 19 |
|----------|---------|
|----------|---------|

Reliable capping

Splash-free uncapping



PP, skirted



Rigid plate, skirted

Thermal Cycler Compatibility

One glance at the table will tell you which BRAND PCR plates are compatible with your thermal cycler. We are continuously updating the table with information from manufacturers and feedback from our customers. Ask for a free sample of our PCR plates to check compatibility with your thermal cycler (www.brand.de), with no obligation.

| | non-skirted | | | | | | | | | | semi-skirted | | | | | | r.s. - s.* | | skirted | | | | | | | | | |
|------------------------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|---------|---------|---------|---------|---------|------------|---------|---------|---------|---------|---------|-----------|------------------|---------|---|--|--|
| | 7814 11 | 7814 12 | 7814 15 | 7814 16 | 7813 66 | 7813 67 | 7813 68 | 7813 69 | 7813 50 | 7813 54 | 7814 00 | 7813 57 | 7813 64 | 7813 71 | 7813 72 | 7813 75 | 7813 76 | 7813 73 | 7813 74 | 7813 77 | 7813 78 | 7813 45 | 7813 47 | 7813 48 rigid | 7813 58 | | | |
| White color | | x | | x | | x | | x | | x | | x | x | | x | | x | | x | | x | x | | | | x | | |
| Number of wells | 24 | | 48 | | 96 | | 96 | | 96 | | 96 | | 96 | | 96 | | 96 | | 96 | | 384 | | 384 | | 384 | | | |
| Standard well | x | | x | | | | x | | x | | x | | | | x | | | | | | | | | | | | | |
| Low Profile well | | | | | x | | | | | | | | x | | x | | | | x | | | | | | | | | |
| Cut corner | | | | | H12 | | A12 | | H12 | | H12 | | H12 | | A12 | | A12 | | A1 | | H1 | | A24 + P24 | | A24 | | | |
| Agilent Technologies | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AriaMx | | | | | ● | | | | | | | | | | | | | | | | ● | | | | | | | |
| Analytik Jena | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Flex Cycler ² 96 Series | | | | | | | ● | | ● | | ● | | | | ● | | ● | | | | | | | | | | | |
| Flex Cycler ² Twin 48 | | | ● | | | | | | ● | | ● | | | | | | ● | | | | | | | | | | | |
| Speed Cycler ² SPR | | | | | | | ● | | ● | | ● | | | | ● | | ● | | | | | | | | | | | |
| qTower 2.0 und 2.2 | | | | | | | | | ● | | ● | | | | ● | | ● | | | | | | | | | | | |
| APPLIED BIOSYSTEMS® | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2700 | ● | | ● | | | | ● | | ● | | ● | | | | ● | | ● | | | | ● | | ● | | ● | | | |
| 3100 | ● | | ● | | | | ● | | ● | | | | | | | | ● | | | | | | ● | | ● | | | |
| 3130 | ● | | ● | | | | ● | | ● | | | | | | | | ● | | | | | | ● | | ● | | | |
| 3500 | | | | | | | ● | | ● | | | | | | | | ● | | | | | | ● | | ● | | | |
| 3700 | ● | | ● | | | | ● | | ● | | | | | | | | ● | | | | ● | | ● | | ● | | | |
| 3730/ 3730x | ● | | ● | | | | ● | | ● | | ● | | | | | | ● | | | | | | ● | | ● | | | |
| 9600 | ● | | ● | | | | ● | | ● | | ● | | | | | | ● | | | | | | ● | | ● | | | |
| 9700 | ● | | ● | | | | ● | | ● | | ● | | | | | | ● | | | | ● | | ● | | ● | | | |
| 9800 Fast | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | |
| 5700 | ● | | ● | | | | ● | | ● | | | | | | ● | | ● | | | | | | | | | | | |
| 7000 | ● | | ● | | | | ● | | ● | | | | ● | | ● | | ● | | | | | | | | | | | |
| 7300 | ● | | ● | | | | ● | | ● | | | | ● | | ● | | ● | | | | | | | | | | | |
| 7500 | ● | | ● | | | | ● | | ● | | | | ● | | ● | | ● | | | | | | | | | | | |
| 7700 | ● | | ● | | | | ● | | ● | | | | ● | | ● | | ● | | | | | | | | | | | |
| 7900 HT | | | | | | | ● | | | | | | | | ● | | ● | | | | | | ● | | | | | |
| 7500 Fast | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | |
| Step One Plus | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | |
| Veriti 0.2 ml | | | | | | | | | | | | | | | ● | | ● | | | | | | | | | | | |
| Veriti 0.1 ml | | | | | | | | | | | | | | | | | ● | | | | | | | | | | | |
| ViiA™ 7 | | | | | ● | | | | | | | | | | | | ● | | | | | | | | | | | |
| AMERSHAM® Bioscience | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MegaBace® 500 | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| MegaBace® 1000 | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| MegaBace® 4000 | | | | | | | | | | | | | | | | | | | ● | | ● | | ● | | ● | | | |
| BECKMAN® | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CEQ | | | | | | | ● | | | | | | | | | | | | ● | | | | | | | | | |
| MegaBace® 4000 | | | | | | | | | | | | | | | | | | | ● | | ● | | ● | | ● | | | |
| BIOMETRA® Analytik Jena AG | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Uno | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | | | | | ● | | | |
| Uno II | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | ● | | ● | | ● | | | |
| T1 Thermal Cycler | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | ● | | ● | | ● | | | |
| Tgradient | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | ● | | ● | | ● | | | |
| Trobot | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | ● | | ● | | ● | | | |
| BIORAD®/MJ RESEARCH® | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Genecycler | | | | | | | ● | | ● | | | | | | | | | | | | | | | | | | | |
| C1000 | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | | | ● | | ● | | | |
| S100 | | | | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | | | | | | | | |
| PTC-200 DNA-Engine | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | ● | | ● | | ● | | | |
| PTC-220 DNA-Eng. Dyad | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | ● | | ● | | ● | | | |
| PTC-221 Dyad-Disciple | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | ● | | ● | | ● | | | |
| PTC-225 DNA-Tetrad | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | ● | | ● | | ● | | ● | | | |
| PTC-240 DNA-Tetrad 2 | | | | | | | | | | | | | | | ● | | ● | | | | | | | | | | | |
| Base Station | | | | | | | | | | | | | | | | | | | ● | | | | | | | | | |
| iCycler | ● | | ● | | | | ● | | ● | | | | | | ● | | ● | | ● | | | | | | | | | |
| MyCycler | ● | | ● | | | | ● | | ● | | | | | | ● | | ● | | ● | | | | | | | | | |
| MyiQ | ● | | ● | | | | ● | | ● | | | | | | ● | | ● | | ● | | ● | | | | ● | | | |
| iQ4 | | | | | | | ● | | ● | | | | | | ● | | ● | | ● | | ● | | | | | | | |
| iQ5 | ● | | ● | | | | ● | | ● | | | | | | ● | | ● | | ● | | ● | | | | | | | |
| CFX96 | | | | | ● | | ● | | ● | | | | | | ● | | ● | | ● | | ● | | | | | | | |
| Chromo 4 | | | | | ● | | ● | | ● | | | | | | ● | | ● | | ● | | ● | | | | | | | |
| Opticon | | | | | ● | | ● | | ● | | | | | | ● | | ● | | ● | | ● | | | | | | | |
| Opticon 2 | | | | | ● | | ● | | ● | | | | | | ● | | ● | | ● | | ● | | | | | | | |
| Opticon 4 | | | | | ● | | ● | | ● | | | | | | ● | | ● | | ● | | ● | | | | | | | |
| Corbett Research | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Palm Cycler 96 | | | | | | | ● | | ● | | | | | | ● | | ● | | ● | | | | ● | | ● | | | |
| Palm Cycler 384 | | | | | | | ● | | ● | | | | | | ● | | ● | | ● | | | | ● | | ● | | | |

* r. s.-s. = raised skirt semi-skirted

Continued

| Continued | non-skirted | | | | | | | | | | semi-skirted | | | | | | r.s.-s.* | | skirted | | | | | | | |
|---------------------------|-------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|-----------|---------|------------------|-----------|---|
| | 7814 11 | 7814 12 | 7814 15 | 7814 16 | 7813 66 | 7813 67 | 7813 68 | 7813 69 | 7813 50 | 7813 54 | 7814 00 | 7813 57 | 7813 64 | 7813 71 | 7813 72 | 7813 75 | 7813 76 | 7813 73 | 7813 74 | 7813 77 | 7813 78 | 7813 45 | 7813 47 | 7813 48 rigid | 7813 58 | |
| White color | | x | | x | | x | | x | | x | | x | x | | x | | x | | x | | x | x | | | | x |
| Number of wells | 24 | | 48 | | 96 | | 96 | | 96 | | 96 | | 96 | | 96 | | 96 | | 96 | | 96 | 384 | 384 | 384 | 384 | |
| Standard well | x | | x | | | | x | | x | | x | | | | | x | | | | | | | | | | |
| Low Profile well | | | | | x | | | | | | | | x | | x | | | x | | x | | | | | | |
| Cut corner | | | | | H12 | | A12 | | H12 | | H12 | | H12 | | A12 | | A12 | | A1 | | H1 | A24 + P24 | A24 | A24 | A24 + P24 | |
| Eppendorf® | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mastercycler® Gradient | ● | | ● | | | | ● | | ● | | ● | | | | | | ● | | | | | | | | | |
| Mastercycler® ep | ● | | ● | | ● | | ● | | ● | | | | | | | | | | | ● | | | | | | |
| Mastercycler® | | | | | ● | | ● | | | | | | | | | ● | | | | ● | | | | | | |
| Mastercycler® M384 | | | | | | | | | | | | | | | | | ● | | | | | ● | | ● | ● | |
| Mastercycler® ep Realplex | | | | | ● | | ● | | | | | | | | | | ● | | ● | ● | | | ● | | ● | |
| Ericomp | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Single Block | ● | | ● | | ● | | ● | | ● | | | | | | | ● | | | | | | | | | | |
| Twin Block | ● | | ● | | ● | | ● | | ● | | | | | | | ● | | | | | | | | | | |
| Power Block | | | | | ● | | ● | | | | | | | | ● | | ● | | | | | | | | | |
| Delta Cyclor | ● | | ● | | ● | | ● | | ● | | | | | | ● | | ● | | | | | | | | | |
| Esco | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Swift | | | | | | | ● | | | | | | | | | | | | | | | | | | ● | |
| Flexi | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Gene | | | | | | | ● | | | | | | | | | | | | | ● | | | | | ● | |
| Genius | | | | | | | ● | | | | | | | | | | | | | ● | | | | | | |
| G-Storm | | | | | | | | | | | | | | | | | | | | | | | | | | |
| GS1/ GS4/ GSX | | | | | ● | | ● | | | | | | | | ● | | ● | | | | | | | | | |
| Labnet | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MultiGene™ OptiMax | | | | | | | ● | | | | | | | | | ● | | | | | | | | | | |
| Thermo Hybaid | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Multi Block System | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| Omnigene | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| Omn-E | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| PCR-Express | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| PCR-Sprint | — | | — | | ● | | ● | | — | | — | | | | ● | | ● | | | ● | | — | | — | | |
| pxe | ● | | ● | | ● | | ● | | ● | | | | | | ● | | ● | | | ● | | | | | ● | |
| px2 | ● | | ● | | ● | | ● | | ● | | | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| Touchdown | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| MWG® | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Primus 96 | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| Primus 384 | | | | | | | | | | | | | | | | | ● | | | | | ● | | ● | ● | |
| The Q LifeCycler | | | | | ● | | ● | | | | | | | | | | | | | | | ● | | ● | ● | |
| PEQLAB® | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PeqStar 96 | ● | | ● | | | | ● | | ● | | ● | | | | ● | | ● | | | ● | | | | | | |
| Roche® | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LightCycler® 480 | | | | | | | | | | | | | ● | | | | | | | | | | | | ● | |
| STRATAGENE® | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Robocycler | ● | | ● | | | | ● | | ● | | — | | | | ● | | ● | | | ● | | ● | | ● | | |
| Robocycler Gradient | | | | | ● | | ● | | | | | | | ● | | ● | | | | ● | | | | | | |
| Mx 3000 | ● | | ● | | | | | | ● | | | | | | | | | | | | | | | | | |
| Mx 3000 P | | | | | ● | | ● | | | | | | | ● | | ● | | | | | | | | | | |
| Mx 3005 P | | | | | ● | | ● | | | | | | | ● | | ● | | | | | | | | | | |
| Mx 4000 | ● | | ● | | ● | | ● | | ● | | | | | | ● | | ● | | | | | | | | | |
| TaKaRa® | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TP2400 | | | | | | | | | | | | | | | | | | | | ● | | ● | | ● | | |
| TP3000 | ● | | ● | | ● | | ● | | ● | | | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| TECHNE® | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TC-412 | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | | ● | | ● | | ● | | |
| Flexigene | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| Genius | ● | | ● | | | | | | ● | | ● | | | | | | | | | ● | | ● | | ● | | |
| Genius Quad | | | | | ● | | ● | | | | | | | ● | | ● | | | | ● | | ● | | ● | | |
| TC-512 | ● | | ● | | ● | | ● | | ● | | ● | | | | ● | | ● | | | ● | | ● | | ● | ● | |
| Touchgene Gradient | | | | | | | ● | | | | ● | | | ● | | | | | | | | ● | | ● | ● | |
| Touchgene X | | | | | ● | | | | | | | | | | | | ● | | | ● | | | | | ● | |
| TC-3000X | ● | | ● | | | | | | ● | | — | | | | | | | | | ● | | — | | — | | |
| Quantica | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Cyclogene | | | | | ● | | ● | | | | | | | | ● | | ● | | | ● | | | | | | |
| TRANSGENOMIC® | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wave System | | | | | | | | | | | | | | | | | | | | ● | | | | | ● | |

* r. s.-s. = raised skirt semi-skirted

Stand: 0915

● = compatible — = not compatible □ = no information

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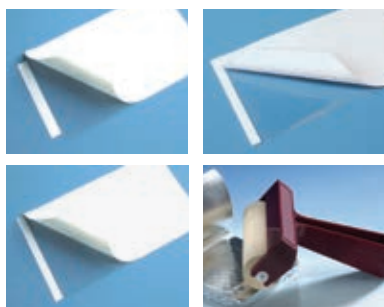
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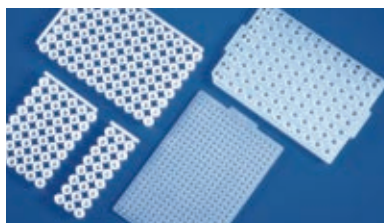
PCR sealing films, self-adhesive

In case the PCR plates need not only to be covered, but also securely sealed, self-adhesive sealing films are available. These film sheets can be easily applied on the plates and removed without the use of expensive equipment.

| Application | Description | Material | Pack of | Cat. No. |
|--|-------------|--|------------|----------------|
| for ELISA, PCR | Single film | PP | 100 sheets | 7813 90 |
| for ELISA, Real-Time PCR (qPCR) | Single film |  Polyester | 100 sheets | 7813 91 |
| for storage, ELISA PCR | Single film | PP | 100 sheets | 7013 67 |
| Roller, hard rubber. For simple, even pressure of self-adhesive films. | | | 1 | 7013 80 |

PCR sealing mats

PCR sealing mats have been designed to fit BRAND PCR plates exactly and reduce evaporation losses by up to 75% compared to conventional systems. They are characterized by their high flexibility, tight sealing, autoclavability and are easily pierced by pipette tips.



| Product | Material | Pack of | Cat. No. |
|---|-----------|---------|----------------|
| 24-well mat (for Cat. No. 7814 11-12) | TPE | 10 | 7814 02 |
| 48-well mat (for Cat. No. 7814 15-16) | TPE | 10 | 7814 03 |
| 96-well mat (for all 96-well plates except 7813 77-78, -64) | TPE | 5 | 7814 05 |
| 384-well mat (for Cat. No. 7813 45, 7813 47) | silicone* | 10 | 7814 08 |

* autoclavable five times

PCR-Box/-Rack

As sorted colors (red, yellow, green, purple, blue)

PP. Suitable for sample preparation, for keeping and storing 0.2 ml single tubes, 8-strips, and 12-strips, and 96-well PCR plates. These racks can also be stacked without lids. Withstand temperatures from -80 to +121 °C. Pack of 5.



| | | |
|----------|----------------|---|
| Cat. No. | 7813 62 |  |
|----------|----------------|---|

PCR Mini cooler

with transparent lid

PP. For protecting samples from warming. The mini PCR cooler keeps samples at 4 °C for approximately 3 hours. The insulating gel changes from violet to pink at 7 °C. Suitable for 0.2 ml single tubes, 8-strips, and 12-strips, as well as 96-well PCR plates. Pack of 2.



| | |
|---------|----------------|
| Cat No. | 7812 60 |
|---------|----------------|

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