

PCR Plates and Sealing Films, BRAND

BRAND has significantly expanded its product range of extra-thin-wall disposable products, which were specially developed to satisfy the demands of PCR applications.

Quality features:

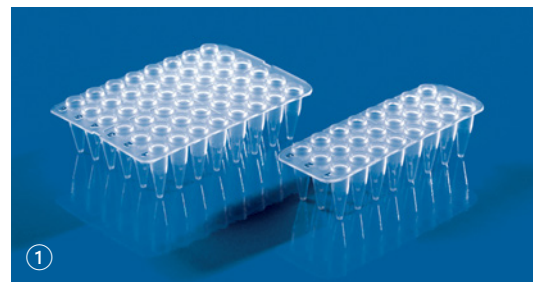
- Suitable for use in common thermal cyclers
- PP, extra-thin uniform wall thicknesses to provide the optimal thermal transfer and short cycle times
- 96-well PCR-plates with alphanumeric coding and marks at the cut corner
- DNase-, DNA- and RNase-free
- Pure, high quality materials - without additives!
- Autoclavable at 121°C (2 bar), acc. DIN EN 285
- qPCR: Suitable for real-time PCR



① 24- and 48-well PCR plates, no skirt (qPCR)

PP, 0.2 ml wells. This plates reduce material costs and allow work on a compact PCR plate even with small sample throughputs. Suitable for the most customary thermocyclers.

Quantity wells	Version	Colour	Order No.	PU pc/Pack
24	Standard profile, elevated rim	clear	10 49 81411	40
24	Standard profile, elevated rim	white	10 49 81412	40
48	Standard profile, elevated rim	clear	10 49 81415	20
48	Standard profile, elevated rim	white	10 49 81416	20



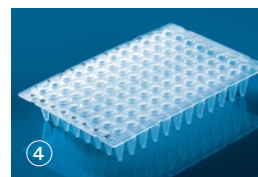
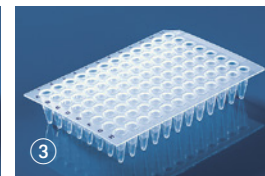
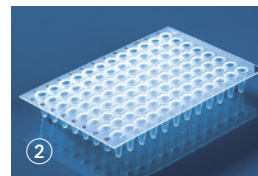
96-well PCR plates (qPCR)

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. Raised rims of wells protect against cross-contamination and provide a tight seal in combination with the matching sealing mats.

96-well, no skirt

PP, 0.2 ml wells. 96-well PCR plates, without skirt, are suitable for the most customary thermocyclers.

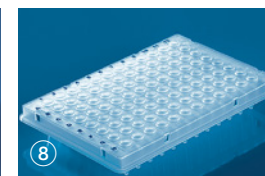
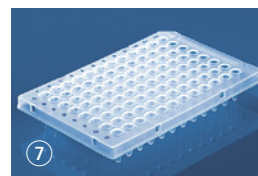
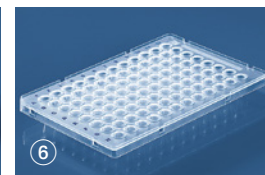
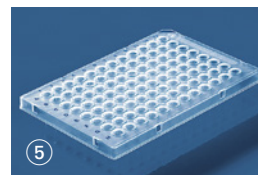
Version	Colour	Cut corner	Order No.	PU pc/Pack
② Low Profile	clear	H12	10 49 81366	50
Low Profile	white	H12	10 49 81367	50
③ Standard profile	clear	A12	10 49 81368	50
Standard profile	white	A12	10 49 81369	50
④ Standard profile, elevated rim	clear	H12	29 49 81350	50
Standard profile, elevated rim	white	H12	10 49 81354	50



96-well, half skirt

PP, 0.2 ml wells. 96-well PCR plates, with half skirt can easily be labelled or provided with a bar-code.

Version	Colour	Cut corner	Order No.	PU pc/Pack
⑤ Low Profile	clear	A12	10 49 81371	50
Low Profile	white	A12	10 49 81372	50
⑥ Low Profile, elevated skirt	clear	A1	10 49 81373	50
Low Profile, elevated skirt	white	A1	10 49 81374	50
⑦ Standard profile	clear	A12	10 49 81375	50
Standard profile	white	A12	10 49 81376	50
⑧ Standard profile, elevated rim	clear	H12	29 49 81400	50
Standard profile, elevated rim	white	H12	10 49 81357	50



96-well, half skirt

Suitable for Roche®LightCycler®480 and more thermocyclers. PP, 0.15 ml PCR plates. With half skirt. Alphanumeric coding, black. Available with or without self-adhesive sealing films (polyester, highly transparent, for qPCR).

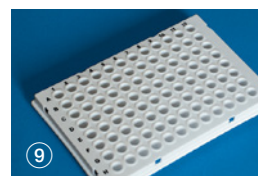
Version	Colour	Cut corner	Order No.	PU pc/Pack
⑨ Low Profile	white	H12	10 49 81364	50
Low Profile + 50 foils for qPCR	white	H12	10 49 81365	50

Black alphanumeric coding, no more additional marks at cut corners.

96-well, full skirt

PP, 0.2 ml wells. 96-well PCR plates with full skirt are very rigid and particularly suitable for working with automatic pipetting systems. These plates can also be provided with a barcode.

Version	Colour	Cut corner	Order No.	PU pc/Pack
⑩ Low Profile	clear	H1	10 49 81377	50
Low Profile	white	H1	10 49 81378	50



384-well PCR plates (qPCR)

384-well, full skirt

PP. The 40 µl wells can hold sample volumes of 2 µl to 30 µl. This helps to reduce reagents costs and shortens cycle times. The plates can be filled using multichannel pipettes or robotic systems.

Version	Colour	Cut corner	Order No.	PU pc/Pack
⑪ with full skirt, PP	clear	A12, H12	29 49 81345	50
with full skirt, PP	clear	A12	10 49 81347	50

384-well PCR-plates, full skirt

Suitable for Roche®LightCycler®480 and more thermocyclers. PP. For qPCR. 0.03 ml wells. The 40 µl wells can hold sample volumes of 2 µl to 30 µl. This helps to reduce reagents costs and shortens cycle times. The plates can be filled using multichannel pipettes or robotic systems.

Version	Colour	Cut corner	Order No.	PU pc/Pack
⑫ full skirt, PP	white	A12, H12	10 49 81358	50

Sealing films, self-adhesive

In case the microplates, PCR plates or Deep-well 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 also without the use of expensive equipment.

Article	Order No.	PU pc/Pack
⑬ Sealing films for ELISA, PCR	29 49 81390	100

Transparent PP film allows the visual inspection of the samples. Temperature range -40°C to +125°C. Single film. Pack of 100 sheets.

Article	Order No.	PU pc/Pack
Sealing films for ELISA, Real-Time-PCR (qPCR)	10 49 81391	100

Pressure sensitive and highly transparent film made of polyester allows the visual inspection of the samples. Temperatur range: -40°C to +120°C. Single film. Pack of 100 sheets.

Article	Order No.	PU pc/Pack
Sealing films for storage, ELISA, PCR	29 49 01366	100

PP. DMSO resistant. Allows visual inspection. Temperatur range: -80°C to +120°C. Single film. Pack of 100 sheets.

Sealing Paddle for Sealing Films

To securely and easily apply self-adhesive films. The sealing paddle helps to attach the film to the plate with a uniform pressure. Especially suited for plates with raised rim.

Article	Order No.	PU pc/Pack
⑭ Sealing paddle for sealing films	10 49 71381	2

Accessories for BRAND PCR products

Article	Order No.	PU pc/Pack
⑮ PCR-Box/Rack (yellow, red, green, violet, blue)	10 49 81362	5

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

Article	Order No.	PU pc/Pack
⑯ PCR Mini cooler with transparent lid	10 49 81260	2

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

