

# VWR PCR essentials

01. PCR AND qPCR TUBE  
STRIPS AND CAPS

02. 96-WELL PCR AND  
qPCR PLATES





# 01

## VWR® PCR AND qPCR TUBE STRIPS & CAPS

Tube strips with individually-attached caps  
 Tube strips with hinged caps  
 Tube strips with separate cap strips  
 Cap strips  
 Tube strips  
 Qiagen® Rotor-Gene® tube strips and caps  
 Individual tubes

Pages 3-5

# 02

## VWR® 96-WELL PCR AND qPCR PLATES

96-well flat plates (no skirt)  
 96-well half-skirted plates  
 96- and 384-well full-skirted plates  
 PCR accessories

Pages 6-8

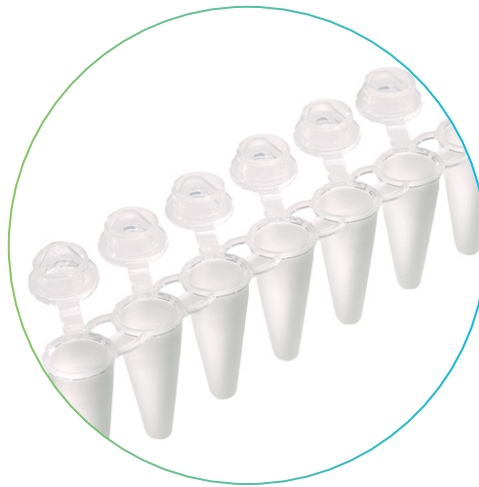
# Ideal for all PCR protocols

VWR® 0.1mL (Low Profile) and 0.2mL Tubes & Caps are made from polypropylene and are compatible with most popular thermal cyclers.

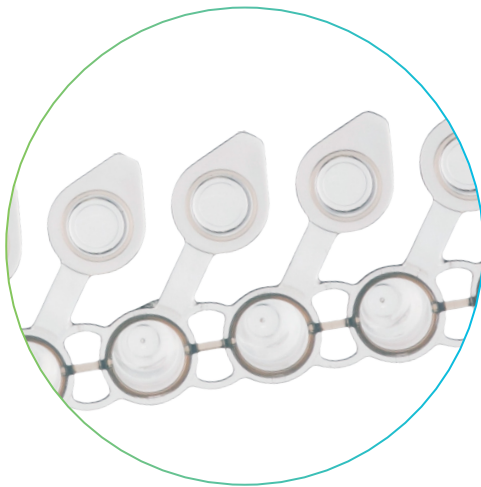
- Smooth, thin, uniform walls for accurate thermal transfer and sample recovery
- Caps fit precisely to ensure a positive seal to prevent evaporation
- Certified free of RNase, DNase, and human DNA (lot-by-lot certificates available)



Single interwell linkage makes strips easy to split into smaller sections. (53509-304, 93001-118)



White tubes offer enhanced fluorescence reflection for qPCR. (89401-570)



Three-point interwell linkages make strips more rigid, decreasing the chance of spillage. (93001-120, 89401-570)



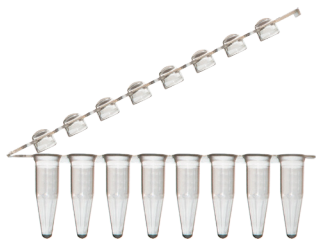
White tubes with clear flat caps create the perfect environment for consistent, reliable qPCR performance. (89401-570)



53509-304

### VWR® 8-STRIP PCR AND qPCR TUBE STRIPS WITH INDIVIDUALLY-ATTACHED CAPS

Description	Linkage	Volume, mL	Cap Type	Color	Cat No.	Pack of	Case of
8-Tube Strips with Attached Bubble Caps	Single (Break-Apart)	0.2	Domed	Natural	<b>53509-304</b>	120	1,200
8-Tube Strips with Attached Flat Caps	Single (Break-Apart)	0.2	Flat (qPCR)	Natural	<b>93001-118</b>	120	1,200
Low-Profile 8-Tube Strips with Attached Flat Caps	Single (Break-Apart)	0.1	Flat (qPCR)	Natural	<b>76318-796</b>	120	1,200
8-Tube Strips with Attached Flat Caps	Triple/Rigid	0.2	Flat (qPCR)	Natural	<b>76318-798</b>	120	1,200
8-Tube Strips with Attached Flat Caps	Triple/Rigid	0.2	Flat (qPCR)	Assorted	<b>76318-800</b>	120	1,200
Tube Strips with Separate Flat Cap Strips	8-Strip	0.2	Flat	Natural	<b>76318-802</b>	125	1,250
Low-Profile 8-Tube Strips with Attached Flat Caps	Triple	0.1	Flat (qPCR)	White	<b>89401-570</b>	120	1,200



82006-606

### VWR® PCR AND qPCR TUBE STRIPS WITH HINGED CAPS

Description	Format	Volume, mL	Cap Type	Color	Cat No.	Pack of	Case of
Tube Strips with Hinged Bubble Cap Strips	8-Strip	0.2	Domed	Natural	<b>82006-606</b>	125	1,250
Tube Strips with Hinged Flat Cap Strips	8-Strip	0.2	Flat (qPCR)	Natural	<b>89096-722</b>	125	1,250



20170-004

### VWR® PCR TUBE STRIPS WITH SEPARATE CAP STRIPS

Description	Format	Volume, mL	Cap Type	Color	Cat No.	Pack of	Case of
Tube Strips with Separate Bubble Cap Strips	8-Strip	0.2	Domed	Natural	<b>20170-004</b>	125	1,250
Tube Strips with Separate Bubble Cap Strips	12-Strip	0.2	Domed	Natural	<b>53509-306</b>	80	800



20170-002

### VWR® PCR TUBE STRIPS

Description	Format	Volume, mL	Color	Cat No.	Pack of	Case of
8-Tube Strips (no cap)	8-Strip	0.2	Natural	<b>20170-002</b>	125	1,250
12-Tube Strips (no cap)	12-Strip	0.2	Natural	<b>53509-300</b>	80	800



83009-684

### VWR® PCR AND qPCR CAP STRIPS

Description	Format	Cap Type	Color	Cat No.	Pack of	Case of
8-Strip Bubble Caps (no tubes)	8-Strip	Domed	Natural	<b>20170-000</b>	125	1,250
8-Strip Flat Caps (no tubes)	8-Strip	Flat (qPCR)	Natural	<b>83009-684</b>	125	1,250
12-Strip Bubble Caps (no tubes)	12-Strip	Domed	Natural	<b>53509-302</b>	80	800





### VWR® qPCR QIAGEN® ROTOR-GENE® TUBE STRIPS AND CAPS

These 4-well, ultra-clear reaction strips fit the Qiagen® Rotor-Gene®.

- Certified free of RNase, DNase, and human DNA (lot-by-lot certificates available)
- Polypropylene
- 250 4-well strips and 250 separate strip caps per package

Description	Format	Volume, mL	Color	Cat No.	Pack of	Case of
4-Strip Tubes & Caps for Qiagen Rotor-Gene	4-Strip	0.1	Natural	<b>89218-300</b>	250	1,000



### VWR® QPCR THERMAL RACK

- Benchtop rack allows frozen qPCR samples to be worked with for up to 2.5 hours, maintaining a temperature of less than 4°C (29°F)
- Rack holds 0.1mL Corbett-Type tube
- As the rack warms, the color of the chilling surface changes from blue to white to indicate when the samples need to be returned to the freezer
- Rack is constructed of polypropylene and polygel; includes a snap-on lid

Description	Color Change	Cat. No.	Pack of	Case of
qPCR Thermal Rack for Corbett Tubes	Blue to White	<b>76318-806</b>	2	10



### VWR® INDIVIDUAL PCR TUBES WITH CAPS

Ideal for all PCR protocols, these 0.2 mL tubes and caps are made from polypropylene and are compatible with most popular thermal cyclers.

- Polypropylene construction
- Chemically inert

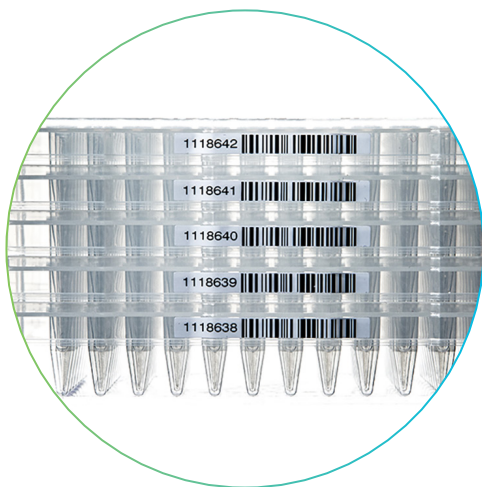
Tubes and caps feature smooth, thin, uniform walls for accurate thermal transfer. Certified free of RNase, DNase, and human DNA (lot-by-lot certificates available). Tubes are available with bubble-top or flat-top caps, both of which fit precisely to ensure a positive, contamination-free environment.

Description	Volume, mL	Cap Type	Color	Cat No.	Pack of	Case of
Individual PCR Tubes with Bubble Caps	0.2	Domed	Natural	<b>20170-010</b>	1,000	10,000
Individual PCR Tubes with Frosted Flat Caps	0.2	Frosted Flat	Natural	<b>20170-012</b>	1,000	10,000
Individual PCR Tubes with Optically-Clear Flat Caps	0.2	Flat	Natural	<b>76318-804</b>	1,000	10,000

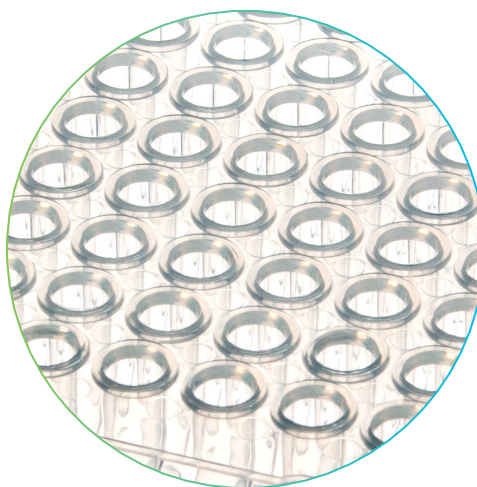
# Compatible with most thermal cyclers

## PCR and qPCR Plates

- Smooth, thin, uniform well walls ensure accurate thermal transfer
- Wells are slightly raised to facilitate sealing with strip caps (p. 4), mats (p. 8), films, and foil
- Printed alphanumeric labeling simplifies plate and sample identification
- Polypropylene plates are certified free of RNase, DNase, and human DNA (lot-by-lot certificates available)



Custom bar-coding available on semi-skirted and full-skirted plates.



Raised wells ensure optimal sealing to prevent evaporation.



High-contrast, black alphanumeric indexing.

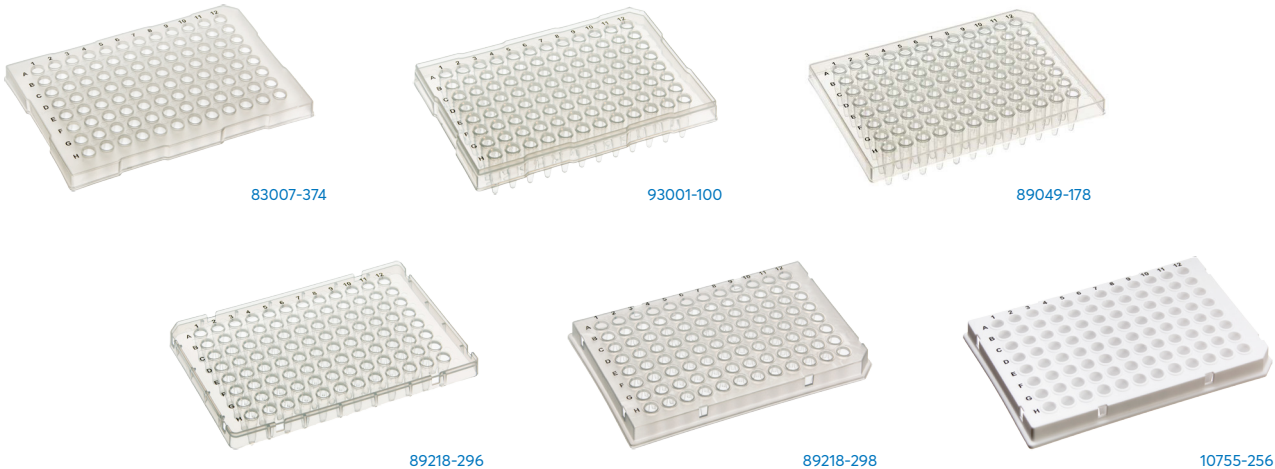


Inert mat helps avoid sample evaporation by creating a tight seal.



VWR® 96-WELL FLAT PCR PLATES (NO SKIRT)

Description	Volume, mL	Notch	Color	Cat No.	Pack of	Case of
96-Well Flat Plate	0.2	A12	Natural	82006-636	10	100
96-Well Flat Plate	0.2	A12	Blue	82006-638	10	100
96-Well Flat Plate	0.2	A12	Green	82006-640	10	100
96-Well Flat Plate	0.2	A12	Purple	82006-644	10	100
96-Well Flat Plate	0.2	A12	Yellow	82006-646	10	100
96-Well Flat Plate	0.2	A12	Assorted	82006-648	10	100
96-Well Flat Plate	0.2	A12	White	83009-668	10	100
96-Well Flat Plate, Low-Profile	0.1	H12	Natural	82006-650	20	100
96-Well Flat Plate, High	0.2	H12	Natural	37001-272	10	100



VWR® 96-WELL HALF-SKIRTED PCR PLATES

Description	Volume, mL	Notch	Color	Cat No.	Pack of	Case of
96-Well Half-Skirt Plate, ABI®-Type	0.2	A12	Natural	83007-374	10	100
96-Well Half-Skirt Plate, ABI-Type	0.2	A12	Assorted	83007-372	10	100
96-Well Half-Skirt Plate, ABI-Type	0.2	A12	White	83009-676	10	100
96-Well Half-Skirt Plate, ABI-Type, Low-Profile	0.1	A12	Natural	82006-664	10	100
96-Well Half-Skirt Plate, Raised Rim, ABI-Type	0.2	A12	Natural	93001-100	10	100
96-Well Half-Skirt Plate, Straight Side	0.2	A12	Natural	89049-178	10	100
96-Well Half-Skirt Plate, Straight Side with Barcode	0.2	A12	Natural	89218-290	10	100
96-Well Half-Skirt Plate, ABI Fast®-Type, Low-Profile	0.1	A1	Natural	89218-296	10	100
96-Well Half-Skirt Plate, LightCycler®-Type, Low Profile	0.1	H12	Natural	89218-298	10	100
96-Well Half-Skirt Plate, LightCycler-Type, Low Profile	0.1	H12	White	10755-256	10	100



82006-704



82006-678



89218-294

VWR® 96- AND 384-WELL FULL-SKIRTED PCR PLATES

Description	Volume	Notch	Color	Cat No.	Pack of	Case of
96-Well Full-Skirt Plate, Low-Profile	0.1 mL	A12	Natural	82006-704	10	100
96-Well Full-Skirt Plate, Low-Profile	0.1 mL	A12	Blue	82006-706	10	100
96-Well Full-Skirt Plate, Low-Profile	0.1 mL	A12	Green	82006-708	10	100
96-Well Full-Skirt Plate, Low-Profile	0.1 mL	A12	Red	82006-710	10	100
96-Well Full-Skirt Plate, Low-Profile	0.1 mL	A12	Purple	82006-712	10	100
96-Well Full-Skirt Plate, Low-Profile	0.1 mL	A12	Yellow	82006-714	10	100
96-Well Full-Skirt Plate, Low-Profile	0.1 mL	A12	Assorted	82006-718	10	100
96-Well Full-Skirt Plate, Low-Profile with Barcode	0.1 mL	A12	Natural	89218-292	10	100
384-Well Full-Skirt Plate, Roche®-Type	30 µL	A24, P24	Natural	82006-678	10	100
384-Well Full-Skirt Plate, Roche-Type with Barcode	30 µL	A24, P24	Natural	89218-288	10	100
384-Well Full-Skirt Plate, ABI-Type	30 µL	A24	Natural	89218-294	10	100



VWR® SILICONE SEALING MAT FOR 96-WELL PCR PLATES

Avoid sample evaporation by creating a tight seal with this inert mat.

- Reusable
- Certified free of RNase, DNase, and human DNA (lot-by-lot certificates available)

Description	Color	Cat No.	Pack of	Case of
Silicone Sealing Mat for 96-Well PCR Plates	Natural	82006-692	5	50



VWR® Cap Strips also provide a secure seal to 96-well plates. See page 4.

VWR® PCR THERMAL RACK

Benchtop rack allows frozen PCR samples to be worked with for up to four hours at 0°C (32°F).

- Refreezable rack holds 0.2mL tubes, strips, and plates
- As the rack warms, the color of the chilling surface changes from purple to pink to indicate when the samples need to be returned to the freezer

Rack is constructed of polypropylene and polygel, and includes a snap-on lid.

Description	Color-Change	Cat No.	Pack of	Case of
Benchtop PCR Rack, 96-Well	Purple to Pink	89004-570	2	10



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