



NBS Scientific product portfolio for (q)PCR applications

Ritter.....	2
- Riplate Magnetic.....	2
- Capmat.....	3
- Robotic tips.....	3
Capp.....	5
- (q)PCR Tubes, strips and plates of 0.2 mL	5
- (q)PCR Tubes, strips and plates of 0.1 mL	6
- (q)PCR Sealing membranes.....	7
- Compatibility chart of the 96-well (q)PCR plates.....	8
- 384-well (q)PCR plate.....	9
Vitl.....	9
- Microplate Heat Sealing Foils.....	10
- Variable Temperature Heat Sealer.....	11

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RITTER

1. Riplate Magnetic → suitable for DNA/RNA extraction

Article no.	Article name	Working volume	Total volume	PU	Pieces per pallet
RR43001-0501	Riplate 96 SRW Magnetic 0.2ml	20 – 100 µl	0.2 ml / well	60	6720
RR43001-0502	Riplate 96 SRW Magnetic 2ml	20 – 1000 µl	2.0 ml / well	60	2160
RR43001-0503	Riplate 96 tip comb			60	3240



View the products on our website:
[NBS Scientific – Riplate Magnetic](#)

2. Capmat → suitable for closing off Riplate Magnetic plates

Accessories			
RR43001-0022	Capmat SW 96, 2ml	20	8800
RR43001-0069	Capmat SW 48, 5ml	20	8800
RR43001-0070	Capmat SW 24, 10ml	20	8800
RR43001-1022	Capmat SW 96, 2ml, bioclean	10	3600
RR43001-1069	Capmat SW 48, 5ml, bioclean	10	3600
RR43001-1070	Capmat SW 24, 10ml, bioclean	10	3600



3. Robotic tips → suitable for automated liquid handling

Type Hamilton

blackKnights, Type Hamilton

Artikel-Nr. Article no.	Artikelbezeichnung Article name	Referenznummer Cross reference	VE PU	Stück pro Umkarton Pieces per case
49011 - 0004	blackKnights, 10 µl, tray, blister-5	235900	5 × 96	7680
49011 - 0104	blackKnights, 10 µl, with filter, tray, blister-5	235901	5 × 96	7680
49010 - 0004	blackKnights, 50 µl, tray, blister-5	235966	5 × 96	7680
49010 - 0104	blackKnights, 50 µl, with filter, tray, blister-5	235948	5 × 96	7680
49010 - 0005	blackKnights, 50 µl, stacked in racks	235497	4 × 5 × 96	3840
49008 - 0004	blackKnights, 300 µl, tray, blister-5	235902	5 × 96	7680
49008 - 0104	blackKnights, 300 µl, with filter, tray, blister-5	235903	5 × 96	7680
49008 - 0005	blackKnights, 300 µl, stacked in racks	235950	4 × 5 × 96	3840
49009 - 0004	blackKnights, 1000 µl, tray, blister-5	235904	5 × 96	4800
49009 - 0104	blackKnights, 1000 µl, with filter, tray, blister-5	235905	5 × 96	4800
49209 - 0104	blackKnights, 1000 µl, with filter, tray, blister-5	MagNA Pure® (Roche)	5 × 96	4800

blackKnights bioclean®, Type Hamilton

Artikel-Nr. Article no.	Artikelbezeichnung Article name	Referenznummer Cross reference	VE PU	Stück pro Umkarton Pieces per case
49011 - 1104	blackKnights, 10 µl, bioclean®, with filter, tray, blister-5	235936	5 × 96	7680
49010 - 1104	blackKnights, 50 µl, bioclean®, with filter, tray, blister-5	235979	5 × 96	7680
49008 - 1104	blackKnights, 300 µl, bioclean®, with filter tray, blister-5	235938	5 × 96	7680
49009 - 1104	blackKnights, 1000 µl, bioclean®, with filter tray, blister-5	235940	5 × 96	4800

Type Tecan

blackKnights, Type Tecan

Artikel-Nr. Article no.	Artikelbezeichnung Article name	Tray Farbe Tray color	VE PU	Stück pro Umkarton Pieces per case
49005 - 0000	blackKnights, 10 µl, tray, DP	weiß white	10 × 96	17280
49006 - 0000	blackKnights, 50 µl, tray, DP	gelb yellow	10 × 96	17280
49006 - 0006	blackKnights, 50 µl, tray, blister-2	gelb yellow	2 × 96	2304
49002 - 0000	blackKnights, 200 µl, tray, DP	blau blue	10 × 96	17280
49003 - 0000	blackKnights, 1000 µl, tray, DP	rot red	10 × 96	9600
49003 - 0004	blackKnights, 1000 µl, tray, blister-5	rot red	5 × 96	4800
49003 - 0006	blackKnights, 1000 µl, tray, blister-2	rot red	2 × 96	2304
49003 - 0106	blackKnights, 1000 µl, with filter, tray, blister-2	rot red	2 × 96	2304
49033 - 0006	blackKnights, 1000 µl, wide-bore, tray, blister-2	rot red	2 × 96	2304

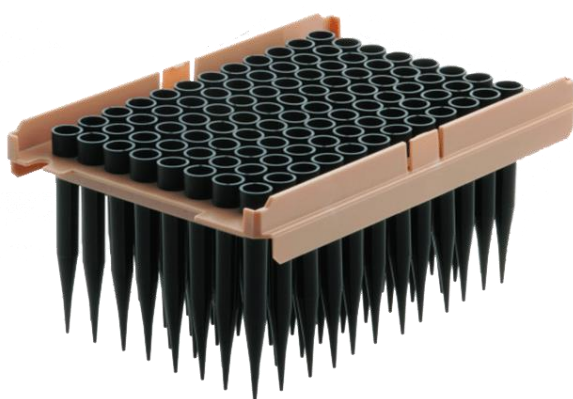
blackKnights bioclean®, Type Tecan

Artikel-Nr. Article no.	Artikelbezeichnung Article name	Tray Farbe Tray color	VE PU	Stück pro Umkarton Pieces per case
49006 - 1106	blackKnights, 50 µl, bioclean®, with filter, tray, blister-2	gelb yellow	2 × 96	2304
49002 - 1106	blackKnights, 200 µl, bioclean®, with filter, tray, blister-2	blau blue	2 × 96	2304
49003 - 1106	blackKnights, 1000 µl, bioclean®, with filter, tray, blister-2	rot red	2 × 96	2304

Type Olympus

Type Qiagen

Type Dynex



View the products on our website:

[NBS Scientific – Robotic Tips](https://www.nbscientific.nl/Robotic-Tips)

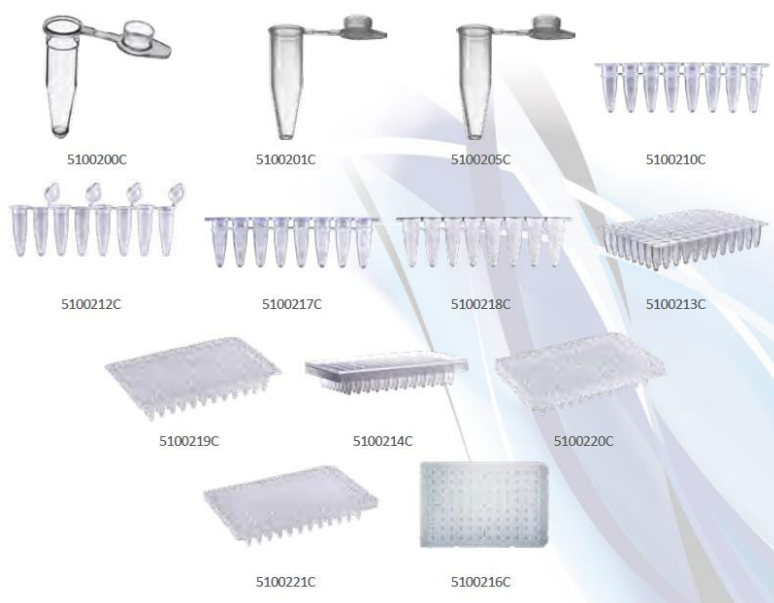
CAPP

1. (q)PCR Tubes, strips and plates of 0.2 mL → suitable for standard (q)PCR reactions

0.2mL tubes with plug caps, strips of 8 tubes, plates and optical adhesives.

All products are made of medical grade virgin polypropylene and are free of DNA, DNase, RNase, (q)PCR Inhibitors, ATP and Endotoxin.

Thin-walled wells of polypropylene allow a very good transmission of temperature and minimize condensation.



Cat. No.	Description
5100200C	ExpellPlus PCR tubes 0.2mL, bag, 20x1000 pcs.
5100201C	Expell PCR tubes 0.2mL, bag, 20x1000 pcs.
5100205C	Expell PCR tubes 0.2mL, bag, pre-sterile 20x1000 pcs.
5100210C	Expell PCR 8-strip and separate flat caps 0,2mL, 5x10x12 pcs.
5100212C	Expell PCR 8-strip w/ single attached flat caps 0,2mL, 5x10x12 pcs.
5100217C	Expell PCR 8-strip and separate optical caps 0,2mL, 5x10x12 pcs.
5100218C	Expell PCR 8-strip, white, and separate optical caps 0,2mL, 5x10x12 pcs.
5100213C	ExpellPlus PCR 96-well plate, clear, non-skirted, 0.2mL, 8x25 pcs.
5100219C	Expell PCR 96-well plate, clear, non-skirted, 0.2mL, 5x5x10 pcs.
5100214C	ExpellPlus PCR 96-well plate, frosted, sub-skirted, 0.2mL, 8x25 pcs.
5100220C	Expell PCR 96-well plate, clear, sub-skirted, 0.2mL, 5x5x10 pcs.
5100221C	Expell PCR 96-well plate, clear, semi-skirted, 0.2mL, 5x5x10 pcs.
5100216C	ExpellPlus PCR 96-well plate, clear, fully skirted, 0.1 /0.2mL, 8x25 pcs.

View the products on our website:

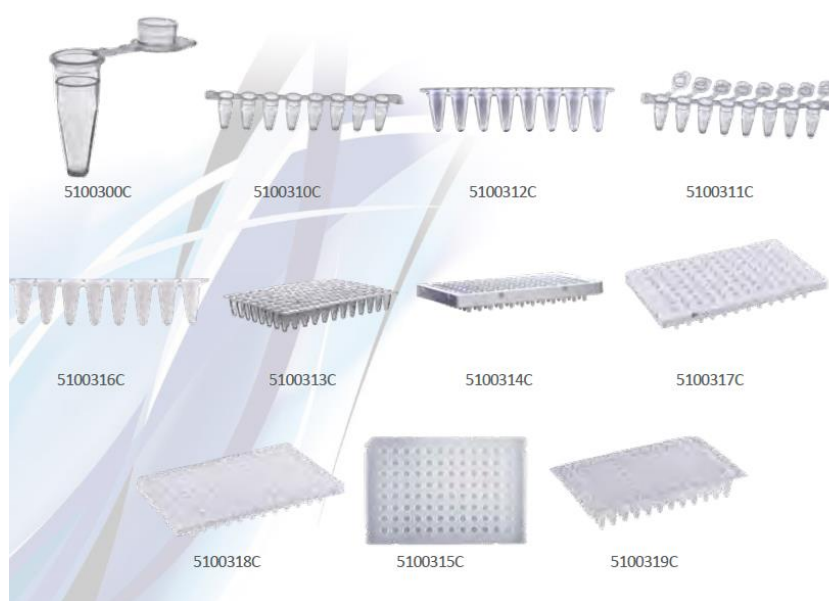
[NBS Scientific – CAPP Expell 02ml \(q\)PCR tubes](#)

2. (q)PCR Tubes, strips and plates of 0.1 mL → suitable for low-profile (q)PCR reactions

0.1mL tubes with plug caps, strips of 8 tubes, plates and optical adhesives

All products are made of medical grade virgin polypropylene and are free of DNA, DNase, RNase, (q)PCR Inhibitors, ATP and Endotoxin

Thin-walled wells of polypropylene allow a very good transmission of temperature and minimize condensation



Cat. No.	Description
5100300C	ExpellPlus PCR tubes 0.1mL, bag, 20x1000 pcs.
5100310C	Expell PCR 8-strip and separate optical caps 0,1mL, 5x10x12 pcs.
5100312C	Expell PCR 8-strip, bottom detection, separate optical caps 0,1mL, 5x10x12 pcs.
5100311C	ExpellPlus PCR 8-strip w/ single attached caps 0,1mL, 8x120 pcs.
5100316C	Expell PCR 8-strip, white, separate optical caps 0,1mL, 5x10x12 pcs.
5100313C	ExpellPlus PCR 96-well plate, non-skirted, 0.1mL, 8x 25 pcs.
5100314C	ExpellPlus PCR 96-well plate white, semi-skirted, 0.1mL, 8x 25 pcs.
5100317C	Expell PCR 96-well plate, white, semi-skirted, 0.1mL, 5x5x10 pcs.
5100318C	Expell PCR 96-well plate, frosted, semi-skirted, 0.1mL, 5x5x10 pcs.
5100315C	ExpellPlus PCR 96-well plate, frosted, sub-skirted, 0.1mL, 8x25 pcs.
5100319C	Expell PCR 96-well plate, frosted, sub-skirted, 0.1mL, 5x5x10 pcs.,

View the products on our website:
[NBS Scientific – Capp Expell 01ml \(q\)PCR tubes](#)

3. (q)PCR Sealing membranes → suitable for closing off (q)PCR plates

Both optical (transparent) and aluminum seals available.



5100401C



5100400C



5100402C



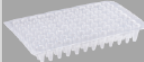
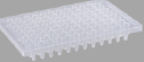
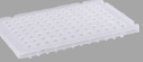
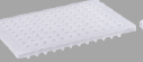
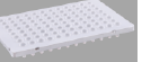
5100403C

Sealing membranes and accessories for PCR and qPCR consumables

Cat. No.	Description
5100401C	Expell PCR 96-well plate sealing membrane, sticky adhesive, 10x10 pcs.
5100400C	Expell PCR 96-well optical sealing membrane, non-sticky adhesive, 10x10 pcs. (similar to ABI 4311971)
5100402C	Expell PCR 96-well optical sealing membrane, sticky adhesive, 10x10 pcs. (similar to Bio-Rad MSB-1001)
5100403C	Expell PCR 96-well aluminum sealing membrane, sticky adhesive, 10x10 pcs.
5100450C	Disposable shell frame grid 96 x 0.2mL for ABI cycler, 8x24 pcs.
5100451C	Rigid shell frame grid 96 x 0.2mL for ABI cycler, 1 pc.
5100452C	Tube and 8-strip decapping tool, 15x 1 pcs.

4. Compatibility chart of the 96-well (q)PCR plates

Compatibility Chart Expell qPCR 96 Well Plate

CAPP Cat. No.	5100219C	5100220C	5100221C	5100319C	5100318C	5100317C
Image						
Standard Well (0.2 mL, height 21 mm)	■	■	■			
Low Profile Well (0.1 mL, height 16 mm)				■	■	■

Applied Biosystems (Life Technology)		qPCR 96 Well Plate						
		CAPP Cat. No.	5100219C	5100220C	5100221C	5100319C	5100318C	5100317C
Device	Note / Holder No.							
7000	4350105							
7300	4367032							
7500	4367032							
7500Fast	4359652							
7900HT Fast Model(0.1 ml)								
7900HT Standard (0.2 ml)								
StepOne Plus								
ViiA7 Fast Model (0.1 ml)	4459846							
ViiA7 (0.2 ml)	4459845							
QuantStudio Fast Model (0.1 ml)	4459846							
QuantStudio (0.2 ml)	4459845							
QuantStudio 3/5 Fast (0.1 ml)								
QuantStudio 3/5 (0.2 ml)								
5700/7700	Sequencer							
3100/3130 (xL) (0.1 ml Fast 96 Well)	4367470 (Retainer#315933 (Septa)							
310/3100/3130 (xL) (0.2 ml Standard 96 Well)	4317241 (Retainer#315933 (Septa)							
3700/3730 (xL) (0.1 ml Fast 96 Well)	4367469 (Retainer#315933 (Septa)							
3700/3730 (xL) (0.2 ml Standard 96 Well)	4410228 (Retainer#315933 (Septa)							
3500(xL) (0.1 ml Fast 96 Well)	4409530 (Retainer#412614 (Septa)							
3500(xL) (0.2 ml Standard 96 Well)	4410228 (Retainer#412614 (Septa)							

		qPCR 96 Well Plate						
Roche		CAPP Cat. No.	5100219C	5100220C	5100221C	5100319C	5100318C	5100317C
Device	Note							
LightCycler 480 & 480II								
LightCycler 96								

Bio-Rad		qPCR 96 Well Plate						
Device	Note	CAPP Cat. No.	5100219C	5100220C	5100221C	5100319C	5100318C	5100317C
iCycler iQ			■		■			
iQ5			■		■			
MyiQ			■		■			
Chromo4			■		■			
Opticon I & II							■	■
CFX96							■	■

		qPCR 96 Well Plate						
Stratagene/Eppendorf/Biomtra		CAPP Cat. No.	5100219C	5100220C	5100221C	5100319C	5100318C	5100317C
Device	Note							
Mx4000/3000P/3005P			■		■			
AriaMx							■	■
MasterCycle ep Realplex			■		■			
Optical Thermocycler			■		■			

5. 384-well (q)PCR plate → suitable for (q)PCR reactions

DNA, DNase, RNA, RNase and Pyrogen free, CAPP 384 well plates are autoclavable and have an evaporation grade less than 3%, enabling processing (q)PCR volumes as small as 5µl.

Fit standard 384-well cyclers and can be used in many 384-well blocks of (q)PCR cyclers models.

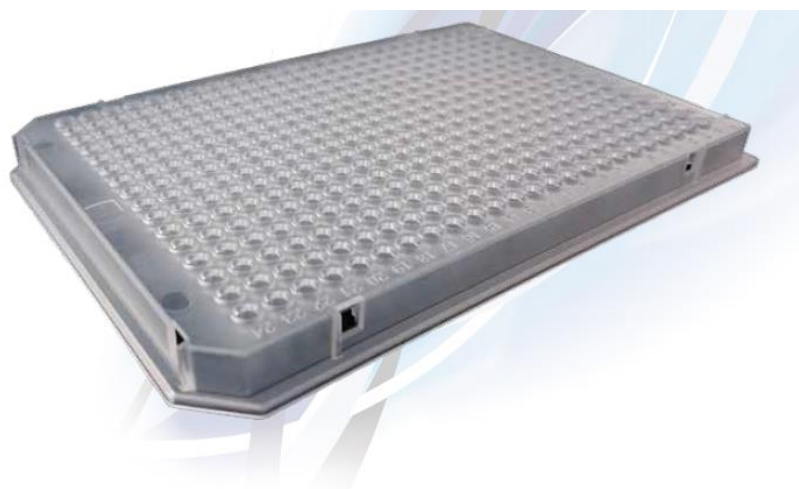
Article no.	Article name	Inaccuracy %	Imprecision %	Colour
CAC02-16	CAPP Multi pipettes, 16-channel, 0.2-2µl	4.00	2.00	Purple
CAC10-16	CAPP Multi pipettes, 16-channel, 0.5-10 µl	2.00	1.00	White
CAC50-16	CAPP Multi pipettes, 16-channel, 5-50 µl	1.40	0.60	Red
CAC10-48	CAPP Multi pipettes, 48-channel, 0.5-10 µl	4.00	2.00	White
CAC10-64	CAPP Multi pipettes, 64-channel, 0.5-10 µl	4.00	2.00	White

ExpellPlus 384 Low Retention Tips

Article no.	Article name	Qty/pack	Packs / case
CA5030005C	ExpellPlus 0.2-50µl, racked, Sterile	10x384	5
CA5030006C	ExpellPlus 0.2-50µl, racked, Sterile, filtered	10x384	5

ExpellPlus 384-well PCR Plates

Article no.	Article name
CA5100513C	Expell 384-well PCR plate, natural, 320 pcs.
CA5100400C	Expell PCR Optical Disposable Adhesive, 100pcs.



View the products on our website:

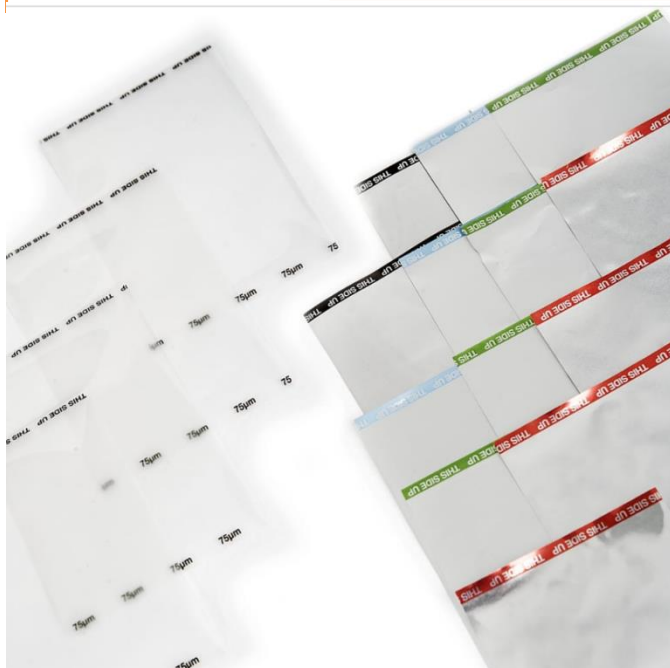
[NBS Scientific – Capp Consumables 384 well](#)

VITL

1. Microplate Heat Sealing Foils → suitable for closing off (q)PCR plates

Range of foils and films available including optically clear, peelable, pierceable and DMSO resistant

	Peelable?	Pierceable?	Temperature range	Seals Polypropylene?	Seals Polyethylene?	Seals Polystyrene?	Seals COC?	Color code	Catalogue Number	Product Notes
20µm Heat Sealing Foil	X	✓	-20 - +120°C	✓	✓	✓	X	Green	V901002	
38µm Heat Sealing Foil	✓	✓	-20 - +110°C	✓	✓	✓	X	Blue	V901003	Only peels from PS
70µm Heat Sealing Foil	✓	X	-80 - +80°C	✓	✓	X	X	Red	V901001	DMSO resistant
75µm Clear Sealing Film	X	✓	-80 - +80°C	✓	✓	✓	✓	75µm	V901005	Suitable for PCR at 110 °C
85µm Heat Sealing Foil	✓	X	-200 - +110°C	✓	X	X	X	Black	V901004	
105µm Clear Sealing Film	✓	X	-80 - +180°C	✓	✓	✓	✓	105µm	V901006	Suitable for PCR at 110 °C



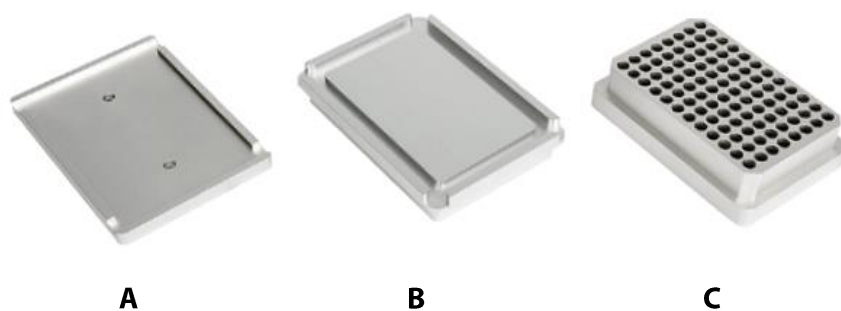
View the products on our website:

[NBS Scientific – Heat Sealing Foils](#)

2. Variable Temperature Heat Sealer → suitable for fixing heat seals on microplates

Sealing temperature range: 125-200°C in 1°C increments

Sealing time range: 1-9 seconds in 0.5 second increments



Article number	Description
V902005	Deepwell plates (A)
V902003	96 Well MTP, 384 well MTP, 96 well skirted (q)PCR plate (B)
V902004	96 Well semi-skirted and unskirted (q)PCR plate (C)

View the products on our website:

[NBS Scientific – Variable Temperature Sealer](https://www.nbsscientific.nl)