



PLASTIC CONSUMABLES

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PCR Tubes 0.2 ml

0.2 ml ultra thin tubes designed for PCR



SPECIAL FEATURES

- Ultra-thin walls for rapid heat transfer
- Manufactured from virgin materials under strict quality control guidelines
- Tubes available with super-transparent caps and minimum autofluorescence properties, ideal for Real Time PCR
- Domed or flat caps
- Certified free from RNases, DNases and human DNA

PRODUCT	COLOUR	QUANTITY	CAT. NO.
PCR Tubes 0.2 ml (Domed caps)	Colour Free	1 Bag of 1000	82-0337-A
	Colour Free	5 Bags of 1000	82-0337-B
	Assorted Colours	5 Bags of 200	82-0491-A
	Assorted Colours	25 Bags of 200	82-0491-B
PCR Tubes 0.2 ml (Flat caps)	Colour Free	1 Bag of 1000	82-0620-A
	Colour Free	5 Bags of 1000	82-0620-B
	Assorted Colours	5 Bags of 200	82-0622-A
	Assorted Colours	25 Bags of 200	82-0622-B
QPCR Tubes 0.2 ml (Flat caps)	Transparent	1 Bag of 1000	81-38431
	Transparent	5 Bags of 1000	81-38432

PCR Tubes 0.5 ml

0.5 ml ultra thin tubes designed for PCR



SPECIAL FEATURES

- Ultra-thin walls for rapid heat transfer
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin materials under strict quality control guidelines
- Domed or flat caps

PRODUCT	COLOUR	QUANTITY	CAT. NO.
PCR Tubes 0.5 ml (Domed caps)	Colour Free	1 Bag of 1000	82-0489-A
	Colour Free	5 Bags of 1000	82-0489-B
	Assorted Colours	5 Bags of 200	82-0535-A
	Assorted Colours	25 Bags of 200	82-0535-B
PCR Tubes 0.5 ml (Flat caps)	Colour Free	1 Bag of 1000	82-0350-A
	Colour Free	5 Bags of 1000	82-0350-B
	Assorted Colours	5 Bags of 200	82-0533-A
	Assorted Colours	25 Bags of 200	82-0533-B

8 Tube Strips

Eight ultra-thin walled 0.2 ml PCR tubes in a convenient strip for easier and quicker handling, ready for use on 96 format thermal cyclers. Strips are available with or without accompanying caps.



QPCR Tube Strips with single attached caps



Tube Strips 0.2 ml

SPECIAL FEATURES

- Ultra-thin walls for rapid heat transfer
- Universal fit compatibility with a wide range of thermal cyclers
- Domed or flat caps
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- White strips and ultra-transparent tube caps ideal for use in Real Time PCR
- Low profile for reduced dead volume and reduced sample condensation

PRODUCT	COLOUR	QUANTITY	CAT. NO.
Tube Strips 0.2 ml	Colour Free	250 Tube Strips (without Cap Strips)	82-0264-A
	Colour Free	5 x 250 Tube Strips (without Cap Strips)	82-0264-B
	Colour Free	250 Tube Strips (with Domed Cap Strips)	82-0266-A
	Colour Free	5 x 250 Tube Strips (with Domed Cap Strips)	82-0266-B
	Colour Free	250 Tube Strips (with Flat Cap Strips)	82-1182-A
	Colour Free	5 x 250 Tube Strips (with Flat Cap Strips)	82-1182-B
	Assorted Colours	250 Tube Strips (with Domed Cap Strips)	82-0490-A
	Assorted Colours	5 x 250 Tube Strips (with Domed Cap Strips)	82-0490-B
QPCR Tube Strips 0.2 ml	White	250 Tube Strips (without Cap Strips)	82-0264/W
Tube Strips 0.2 ml with single attached Caps	Transparent	250 Tube Strips with domed caps	82-1504-A
	Transparent	5 x 250 Tube Strips with domed caps	82-1504-B
QPCR Tube Strips 0.2 ml with single attached Caps	Transparent	250 Tube Strips with flat caps	82-1502-A
	Transparent	5 x 250 Tube Strips with flat caps	82-1502-B
	White	250 Tube Strips with transparent flat caps	82-1502/W-A
	White	5 x 250 Tube Strips with transparent flat caps	82-1502/W-B
Low Profile	Colour Free	250 Tube Strips (without Cap Strips)	82-0774-A
Tube Strips 0.15 ml	Colour Free	5 x 250 Tube Strips (without Cap Strips)	82-0774-B
	Colour Free	250 Tube Strips (with Domed Cap Strips)	82-0775-A
	Colour Free	5 x 250 Tube Strips (with Domed Cap Strips)	82-0775-B
	Colour Free	250 Tube Strips (with Flat Cap Strips)	82-0776-A
	Colour Free	5 x 250 Tube Strips (with Flat Cap Strips)	82-0776-B
	Assorted Colours	250 Tube Strips (with Domed Cap Strips)	82-0777-A
	Assorted Colours	5 x 250 Tube Strips (with Domed Cap Strips)	82-0777-B

Standard 96 Well PCR Plates

The standard 96 Well PCR Plate is a high-quality polypropylene plate for high throughput PCR applications. Compatible with the widest range of thermal cyclers this plate provides reassuring quality and is suitable for sealing with heat-sealed or adhesive films.

SPECIAL FEATURES

- Effective design with overhanging edges for easy handling
- Alphanumeric annotation for quick sample identification
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- White plates and black plates ideal for use in Real Time PCR
- Compatible with a wide range of thermal cyclers
- Cut away corner for easy orientation



PRODUCT	COLOUR	QUANTITY	CAT. NO.
Standard 96 Well PCR Plate (Transparent Label)	Colour Free	25 Plates	82-0600-A
	Colour Free	5 x 25 Plates	82-0600-B
	Colour Free	10 x 25 Plates	82-0600-C
	White	25 Plates	82-0600/W
	Black	25 Plates	82-0600/K
Standard 96 Well PCR Plate (Black Label)	Colour Free	25 Plates	82-0600/LA
	Colour Free	5 x 25 Plates	82-0600/LB
	Colour Free	10 x 25 Plates	82-0600/LC

Low Profile 96 Well PCR Plates

Low Profile plates significantly reduce the 'dead volume' space between the film and the sample which reduces the risk of sample condensation for enhanced reaction reproducibility.

SPECIAL FEATURES

- Low profile design for reduced condensation
- Effective design with four overhanging edges for easy handling
- Alphanumeric annotation for quick sample identification
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- White plates and black plates ideal for use in 'Real Time' PCR
- Compatible with a wide range of thermal cyclers
- Cut away corner for easy orientation



PRODUCT	COLOUR	QUANTITY	CAT. NO.
Low Profile 96 Well PCR Plate (Transparent Label)	Colour Free	25 Plates	82-0700-A
	Colour Free	5 x 25 Plates	82-0700-B
	Colour Free	10 x 25 Plates	82-0700-C
	White	25 Plates	82-0700/W
	Black	25 Plates	82-0700/K

Semi-Skirted 96 Well PCR Plates

The design of the Semi-Skirted 96 Well PCR Plate unites the advantages of ultra-thin walled PCR plates with high stability.

SPECIAL FEATURES

- Ultra-thin for effective heat transfer and minimum condensation
- Half sized skirt for extra plate stability while on the thermal cycler
- Segmentation allows dividing the plate into 24 and 48 well segments (only for 82-0900)
- Alphanumeric annotation for quick sample identification
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- Autoclavable
- White plates and black plates ideal for use in Real Time PCR
- Compatible with a wide range of thermal cyclers
- Cut away corner down left (82-0900) or top right (81-35899)



PRODUCT	COLOUR	QUANTITY	CAT. NO.
Semi-Skirted 96 Well PCR Plate (Transparent Label)	Colour Free	25 Plates	82-0900-A
	Colour Free	5 x 25 Plates	82-0900-B
	Colour Free	10 x 25 Plates	82-0900-C
	White	25 Plates	82-0900/W
	Black	25 Plates	82-0900/K
Semi-Skirted 96 Well PCR Plate (Black Label)	Colour Free	25 Plates	81-35899
	Colour Free	4 x 25 Plates	81-35900

QPCR Semi-Skirted 96 Well PCR Plates

A remodelled semi-skirted plate especially designed for use on Real Time PCR applications on ABI instruments – 7000, 7300, 7500, 7700, 7900 HT and 9500 models.

SPECIAL FEATURES

- Remodelled for use on ABI instruments ('FastPCR' systems excluded)
- Ultra-thin for effective heat transfer and minimum condensation
- Alphanumeric annotation for quick sample identification
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- Autoclavable
- Available in white, ideal for use in Real Time PCR
- Cut away corner (top right) for easy orientation



PRODUCT	COLOUR	QUANTITY	CAT. NO.
QPCR Semi-Skirted 96 Well PCR Plate (Black Label)	Colour Free	25 Plates	82-1400-A
	Colour Free	5 x 25 Plates	82-1400-B
	Colour Free	10 x 25 Plates	82-1400-C
	White	25 Plates	82-1400/W

Skirted 96 Well PCR Plates

If you are using robots as part of your PCR protocols, the Skirted 96 Well PCR Plate is the perfect partner coming with its full skirt for extra stability and eight access grooves.



SPECIAL FEATURES

- Full skirt and eight groove tips
- Ultra-thin, low profile design for effective heat transfer and minimum condensation
- Alphanumeric annotation for quick sample identification
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- Autoclavable
- White plates and black plates ideal for use in Real Time PCR
- Compatible with a wide range of thermal cyclers
- Cut away corner (top left) for easy orientation

PRODUCT	COLOUR	QUANTITY	CAT. NO.
Skirted 96 Well PCR Plate (Black Label)	Colour Free	25 Plates	82-0800-A
	Colour Free	5 x 25 Plates	82-0800-B
	Colour Free	10 x 25 Plates	82-0800-C
	White	25 Plates	82-0800/W
	Black	25 Plates	82-0800/K

96 Well Fast Plate (Semi-Skirted)

A remodelled low profile and semi-skirted plate for use on the ABI Fast PCR system, this plate offers optimal instrument fit and rapid heat transfer for optimal results on this platform.



SPECIAL FEATURES

- Remodelled for use on ABI instruments
- Ultra-thin for effective heat transfer and minimum condensation
- Alphanumeric annotation for quick sample identification
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- Autoclavable
- Available in white, ideal for use in Real Time PCR
- Cut away corner (top left) for easy orientation

PRODUCT	FARBE	QUANTITY	CAT. NO.
96 Well Fast Plate (Semi-Skirted) (Transparent Label)	Colour Free	25 Plates	82-1900-A
	Colour Free	5 x 25 Plates	82-1900-B
	Colour Free	10 x 25 Plates	82-1900-C
	White	25 Plates	82-1900/W

384 Well PCR Plate

A high quality 384 Well PCR plate for high density applications, designed to be compatible with robotic platforms and automated liquid handling systems.

SPECIAL FEATURES

- Suited for high throughput methodologies including robotic operated PCR platforms and sequencing systems
- Compatible with most 384 well thermal cycler systems and robots
- 40 µl maximum well capacity and 25 µl operating volume
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- Cut away corner top right and bottom right for easy orientation.



PRODUCT	COLOUR	QUANTITY	CAT. NO.
384 Well PCR Plate	Colour Free	50 Plates	82-TF0384-A
	Colour Free	5 x 50 Plates	82-TF0384-B

24 and 48 Well PCR Plates

Combining the easy handling structure of a PCR plate, with a lower well density, these 24 and 48 well PCR plates are a popular alternative to high density models.

SPECIAL FEATURES

- 24 or 48 wells for lower throughput density
- Semi-Skirted design with ultra-thin walls for optimal heat transfer
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- Autoclavable
- Compatible with a wide range of thermal cyclers



PRODUCT	COLOUR	QUANTITY	CAT. NO.
24 Well PCR Plate	Colour Free	50 Plates	82-0624-A
	Colour Free	5 x 50 Plates	82-0624-B
48 Well PCR Plate	Colour Free	50 Plates	82-0648-A
	Colour Free	5 x 50 Plates	82-0648-B

Cap Strips and Cap-It™ Strip Cap Remover

Caps ready for use with 8 tube strips or 96 well PCR plates available in flat, domed or with ultra-transparent and minimal auto-fluorescent properties ideal for Real Time PCR.

8 CAPS STRIPS

- A strip of 8 caps suitable for use on 8 tube strips or 96 well plates
- Certified free from RNases, DNases and human DNA
- Manufactured from virgin polypropylene under strict quality control guidelines
- Autoclavable

DOMED CAPS STRIPS

- Suitable for all PCR applications



FLAT CAPS STRIPS

- For easy tube marking and maximum contact with the thermal cycler's heated lid

QPCR CAP STRIPS

- Highest level of optical transparency and minimum level of autofluorescence making these tubes ideal for Real Time PCR



CAP-IT™ STRIP CAP REMOVER

With caps firmly on, they can sometimes be a little tricky to remove – and that's where the Cap-It™ comes in very handy.

The Cap-It™ perfectly fits cap strips making it easy to fit or remove cap strips in one rocking motion.

PRODUCT	COLOUR	QUANTITY	CAT. NO.
Domed Cap Strips	Colour Free	250 Strips	82-0265-A
	Colour Free	5 x 250 Strips	82-0265-B
Flat Cap Strips	Colour Free	250 Strips	82-0784-A
	Colour Free	5 x 250 Strips	82-0784-B
QPCR Cap Strips	Colour Free	10 x 12 Strips	82-0866-A
	Colour Free	50 x 12 Strips	82-0866-B
Cap-It™ Strip Cap Remover		1 Piece	82-0536-A

Thermo Mat

Silicon mat designed to improve the sealing and thermal contact of plates during PCR.

SPECIAL FEATURES

- Effective and uniform sealing when using in thermocyclers with high pressure lid
- Autoclavable
- Reusable up to 50 times



PRODUCT	TEMPERATURE RANGE	QUANTITY	CAT. NO.
Thermo Mat™ 96	- 20 °C to + 120 °C	5 Mats	82-0427-A
	- 20 °C to + 120 °C	5 x 5 Mats	82-0427-B
Thermo Mat™ 384	- 20 °C to + 120 °C	5 Mats	82-0753-A
	- 20 °C to + 120 °C	5 x 5 Mats	82-0753-B

Adhesive Sealing Films

Easy to use adhesive films for PCR and qPCR plates

ADHESIVE PCR FILM

- Transparent, self adhesive film
- Pierceable for sample recovery

QPCR SEAL

- Super-transparent, self adhesive foil with minimum autofluorescence, ideal for Real Time PCR
- Pierceable for sample recovery

ADHESIVE PCR FOIL SEAL

- Metallized, self adhesive foil
- Pierceable for sample recovery



PRODUCT	TEMPERATURE RANGE	QUANTITY	CAT. NO.
Adhesive PCR Film	- 20 °C to + 120 °C	100 Pieces	82-0558-A
	- 20 °C to + 120 °C	5 x 100 Pieces	82-0558-B
QPCR Seal	- 80 °C to + 110 °C	50 Pieces	82-1170-A
	- 80 °C to + 110 °C	5 x 50 Pieces	82-1170-B
Adhesive PCR Foil Seal	- 80 °C to + 150 °C	100 Pieces	82-0626-A
	- 80 °C to + 150 °C	5 x 100 Pieces	82-0626-B

Heat-Sealing Films

Sturdy film to prevent sample evaporation and to aid storage of PCR products in plates.

CLEARSEAL™

- Transparent foil sealed by heat, removable
- For Real Time PCR applications

CLEARSEAL™ STRONG

- Transparent sealing film
- Once sealed, the seal cannot be removed nor pierced by pipette tips

EASYPEEL™

- Coated metal foil, easy to remove

EASYPIERCE™

- Metal coated sealing film
- The seal cannot be removed and it can be easily pierced by pipette tips



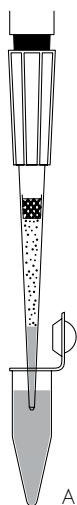
EASYPIERCE™ 20 µM

- Metal coated sealing film, not removable.
- Can be easily pierced by pipette tips
- Can be sealed in multiple layers

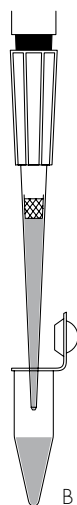
PRODUCT	TEMPERATURE RANGE	QUANTITY	CAT. NO.
ClearSeal™	- 80 °C to + 80 °C ¹⁾	100 Films	82-0812-A
	- 80 °C to + 80 °C ¹⁾	5 x 100 Films	82-0812-B
ClearSeal™ Strong	- 80 °C to + 120 °C	100 Films	82-0685-A
	- 80 °C to + 120 °C	5 x 100 Films	82-0685-B
EasyPeel™	- 200 °C to + 90 °C ¹⁾	100 Films	82-0745-A
	- 200 °C to + 90 °C ¹⁾	5 x 100 Films	82-0745-B
EasyPierce™	- 80 °C to + 80 °C ¹⁾	100 Films	82-0757-A
	- 80 °C to + 80 °C ¹⁾	5 x 100 Films	82-0757-B
EasyPierce™ 20 µm	- 80 °C to + 80 °C ¹⁾	100 Films	82-1720-A
	- 80 °C to + 80 °C ¹⁾	5 x 100 Films	82-1720-B
FoilStripper™	FoilStripper Tool used to remove foil films		82-0592
PiercePlate™	PiercePlate Tool for piercing foil films		82-0579

¹⁾ To 120 °C with sufficient pressure of the cycler lid

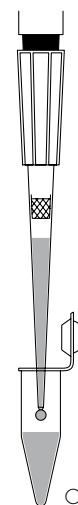
peqGOLD SafeGuard™ Filter Tips



A: SafeGuard™ Filter tips reliably prevent the exchange of aerosols and liquids between the pipette and pipette tip.



B: The hydrophobic and chemically inert filters effectively prevent liquids rising into the pipette in the event of over pipetting.



C: Plus, the patented composition of filter material allows for a total recovery of sample material.

Products of the highest quality, peqGOLD SafeGuard™ Filter tips reliably prevent aerosol and liquid pipette contamination. SafeGuard™ Tips are available in a wide range of sizes and offer near universal fit compatibility at competitive prices.

RANGE OF APPLICATION

SafeGuard™ Filter tips are recommended for use with all types of molecular biology applications which benefit from added security against aerosol and pipette contamination. This is especially pertinent in DNA and RNA purification applications, PCR and RT-PCR, diagnostic applications and with hazardous substances including radiation.

SAFEGUARD™ MICROPOROUS TECHNOLOGY

SafeGuard™ Filter tips use patented micropore technology which actively prevents liquids or aerosols reaching and contaminating the pipette. The filter itself is manufactured from polyethylene, which has extremely hydrophobic properties and therefore does not require additional chemicals used in some filter tips which carry the risk of sample contamination. Furthermore, micropore materials allow for full sample recovery in the event of over pipetting.

STERILITY

All filter tips are supplied sealed and sterilised by γ irradiation for total confidence. Tips can also be autoclaved once the seal is broken.

QUALITY

The manufacturing of SafeGuard™ tips starts with virgin materials and uses injection molding without the addition of any additives, to produce a product of premium quality. In connection with strict quality control procedures, tips are certified free from DNases, RNases and human DNA within a manufacturing process tested for potential contaminants including pyrogens, PCR inhibitors and heavy metals.

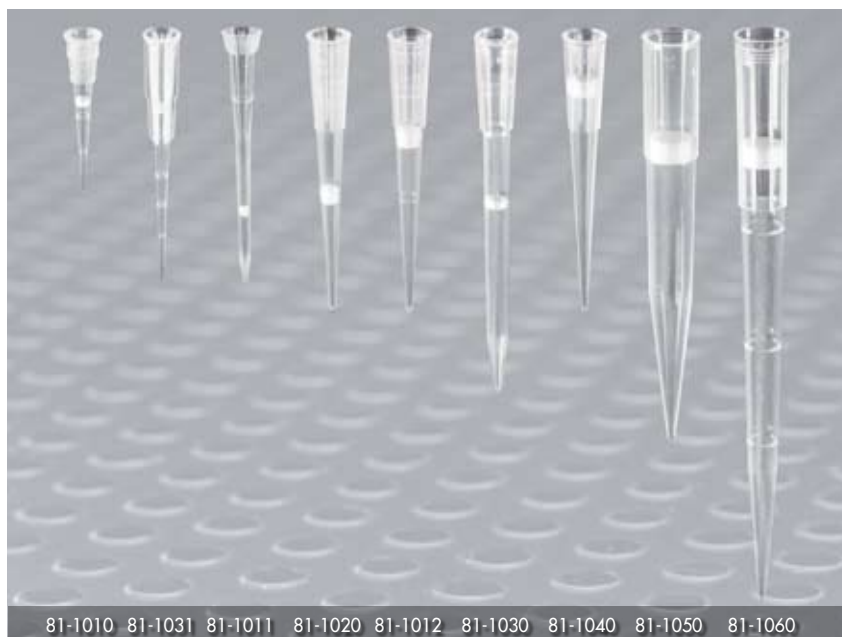
peqGOLD SafeGuard™ Filter Tips

Designed to protect pipette contamination

Ideal for sensitive assays including PCR

SPECIAL FEATURES

- Ensures protection against aerosol or liquid pipette contamination
- Hydrophobic chemically inert filter made from pure polyethylene
- Full sample recovery in the event of over pipetting
- Firm fixation but easy removal on the widest range of pipettes
- Precision manufacturing using virgin materials
- 96 well racks compatible with multi-channel pipettes or high throughput platforms
- Sterilized by γ irradiation and also autoclavable



CERTIFICATION AND TESTING

Each batch is certified free of RNases, DNases, human DNA, pyrogens and PCR inhibitors and guaranteed by certificate:

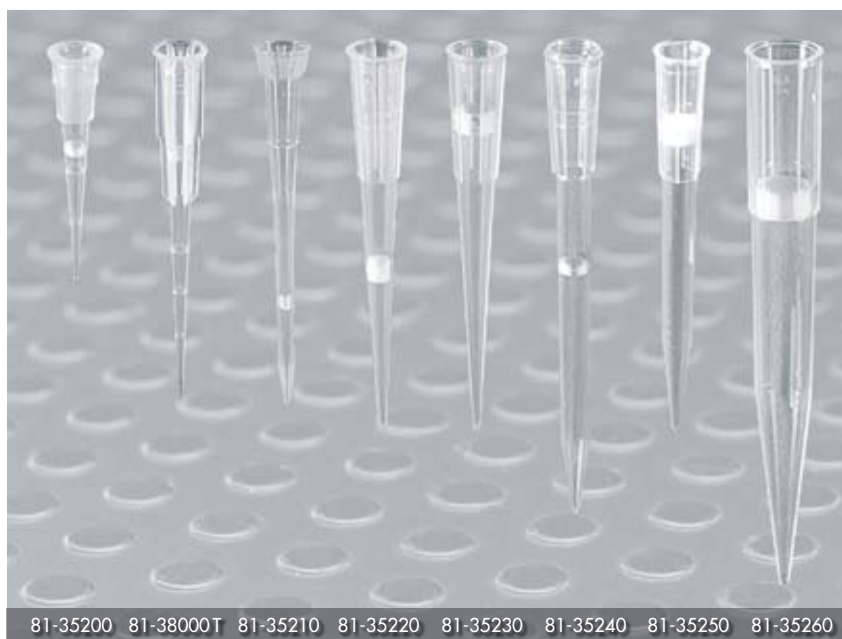
- RNase test: Proof of the integrity of tRNA after incubation at 37 °C
- DNase test: Proof of the integrity of Plasmid DNA after incubation at 37 °C
- Pyrogen test: Proof with the Limulus Amoebocytes Lysate (LAL) test
- DNA and PCR inhibitor test: Proof by means of PCR

PRODUCT	VOLUME	TYPE	QUANTITY	CAT. NO.
peqGOLD SafeGuard™	0.1 – 10 µl	Universal fit ¹⁾	10 Racks of 96	81-1010
Filter Tips	0.1 – 10 µl	Universal fit ¹⁾	1 Bag of 960	81-2010
	0.1 – 10 µl	Universal fit, long	10 Racks of 96	81-1031
	0.1 – 10 µl	Universal fit, long	1 Bag of 960	81-2031
	0.5 – 10 µl	For Eppendorf Pipettes	10 Racks of 96	81-1011
	0.5 – 10 µl	For Eppendorf Pipettes	1 Bag of 960	81-2011
	1 – 20 µl	Universal fit	10 Racks of 96	81-1020
	1 – 20 µl	Universal fit	1 Bag of 960	81-2020
	1 – 100 µl	Universal fit	10 Racks of 96	81-1012
	1 – 100 µl	Universal fit	1 Bag of 960	81-2012
	1 – 200 µl	Universal fit, long	10 Racks of 96	81-1030
	1 – 200 µl	Universal fit, long	1 Bag of 960	81-2030
	1 – 200 µl	Universal fit	10 Racks of 96	81-1040
	1 – 200 µl	Universal fit	1 Bag of 960	81-2040
	100 – 1000 µl	Universal fit	10 Racks of 100	81-1050
	100 – 1000 µl	Universal fit	1 Bag of 1000	81-2050
	50 – 1250 µl	Universal fit	8 Racks of 96	81-1060

¹⁾ Except Eppendorf 2.5 µl pipettes

Mpulti™ Low Retention Filter Tips

The use of high-quality filter tips and a well calibrated pipette work together to maximize the overall pipetting accuracy but with the tendency of nucleic acids, proteins and peptides to bind to plastic surfaces, this accuracy can still be disappointingly low – especially when dealing with the smallest pipetting volumes. The Mpulti Low Retention Filter Tip range, with its special bonded polymer technology, reduces the adhesion of molecules to the filter tip, and thereby sample loss up to 10 fold.



SPECIAL FEATURES

- Bonded polymer technology for a particularly smooth surface to minimise sample loss
- Hydrophobic and chemically inert filter to protect against aerosol and liquid contamination
- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Firm fixation but easy removal on the widest range of pipettes
- Sterilized by γ irradiation and also autoclavable

RANGE OF APPLICATIONS

The use of Mpulti Low Retention Filter Tips is recommended for all experiments where both contamination free pipetting and a high quantitative sample recovery is essential.

PRODUCT	VOLUME	TYPE	QUANTITY	CAT. NO.
Mpulti Low Retention	0.1 – 10 μ l	Universal fit ¹⁾	10 Racks of 96	81-35200
Filter Tips	0.1 – 10 μ l	Universal fit ¹⁾	50 Racks of 96	81-35201
	0.1 – 10 μ l	Universal fit, long	10 Racks of 96	81-38000T
	0.1 – 10 μ l	Universal fit, long	50 Racks of 96	81-38001T
	0.5 – 10 μ l	For Eppendorf pipettes	10 Racks of 96	81-35210
	0.5 – 10 μ l	For Eppendorf pipettes	50 Racks of 96	81-35211
	1 – 20 μ l	Universal fit	10 Racks of 96	81-35220
	1 – 20 μ l	Universal fit	50 Racks of 96	81-35221
	1 – 200 μ l	Universal fit	10 Racks of 96	81-35230
	1 – 200 μ l	Universal fit	50 Racks of 96	81-35231
	1 – 200 μ l	Universal fit, long	10 Racks of 96	81-35240
	1 – 200 μ l	Universal fit, long	50 Racks of 96	81-35241
	5 – 250 μ l	Universal fit	10 Racks of 96	81-35250
	5 – 250 μ l	Universal fit	50 Racks of 96	81-35251
	100 – 1000 μ l	Universal fit	10 Racks of 100	81-35260
	100 – 1000 μ l	Universal fit	50 Racks of 100	81-35261

¹⁾ Except Eppendorf 2.5 μ l pipettes

Multi OneTouch™ Filter Tips

Filter tips with coloured squidgy tops for easy and reliable tip attachment

Ideal for use with multi-channel pipettes



INNOVATIVE TECHNOLOGY

- A real breakthrough in tip manufacturing design – a soft, colour coded TPE top and a highly transparent, rigid polypropylene barrel.
- The OneTouch™ filter tips are manufactured via innovative two component injection moulding technique. This allows the use of the optimal suited material for the both functional parts of the filter tip.
- Lower part of the tip made of highly transparent, rigid polypropylene which is chemically inert and ensures the particularly straight form of the tip.

- Upper part of the tip made of flexible TPE reducing mounting and ejecting forces and enabling universal fit to almost all popular pipette types.

SPECIAL FEATURES

Flexible, TPE material:

- Easy and tight sealing
- Accurate and reproducible
- Mounting and ejecting of the tips with lowest efforts
- Colour code for each size

Rigid, PP material:

- Highly transparent

QUALITY CONTROL

- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Sterilised by γ -irradiation and also autoclavable

IDEAL FOR USE WITH MULTICHANNEL PIPETTES

- The squidgy tops enable you to load 8 or 12 pipette tips easily and reliably without the need to bang down the pipette

ADDITIONAL MODELS

- On request, OneTouch™ tips are available in non filter form or supplied in recyclable paper based racks

PRODUCT	VOLUME	QUANTITY	CAT. NO.
Multi OneTouch™	0.1 – 20 µl	10 Racks of 96	81-10320
Filter Tips	0.1 – 20 µl	50 Racks of 96	81-10321
	1 – 350 µl	10 Racks of 96	81-10350
	1 – 350 µl	50 Racks of 96	81-10351
	50 – 1250 µl	8 Racks of 96	81-10380
	50 – 1250 µl	40 Racks of 96	81-10381

MpultiFit™ Pipette Tips

With a high level of volume accuracy and reliable fit, the pleasant to use and dependable MpultiFit pipette tips represent a superb routine tip for any laboratory.



SPECIAL FEATURES

- Positioning rings for optimal pipette fit
- Universal fit with the widest range of pipette types
- Manufactured from virgin materials and guaranteed free from pyrogens
- Smooth internal surface for maximum pipetting accuracy and reproducibility even with small sample volumes
- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Autoclavable
- Available racked, bagged or in the TipStation (200 µl tips only)
- Sterile racks also available

PRODUCT	COLOUR	VOLUME	QUANTITY	CAT. NO.
MpultiFit™ Tips (Universal)	Colour Free	1 – 200 µl	1 Bag of 1000	81-10440
	Colour Free	1 – 200 µl	10 Bags of 1000	81-10441
	Colour Free	1 – 200 µl	10 Racks of 96	81-10500
	Colour Free	1 – 200 µl	50 Racks of 96	81-10501
	Yellow	1 – 200 µl	1 Bag of 1000	81-10580
	Yellow	1 – 200 µl	10 Bags of 1000	81-10581
	Yellow	1 – 200 µl	10 Racks of 96	81-10620
	Yellow	1 – 200 µl	50 Racks of 96	81-10621
	Colour Free	100 – 1000 µl	1 Bag of 1000	81-10180
	Colour Free	100 – 1000 µl	10 Bags of 1000	81-10181
	Colour Free	100 – 1000 µl	10 Racks of 100	81-10200
	Colour Free	100 – 1000 µl	50 Racks of 100	81-10201
	Blue	100 – 1000 µl	1 Bag of 1000	81-10020
	Blue	100 – 1000 µl	10 Bags of 1000	81-10021
	Blue	100 – 1000 µl	10 Racks of 100	81-10080
	Blue	100 – 1000 µl	50 Racks of 100	81-10081
	Colour Free	50 – 1250 µl	8 Racks of 96	81-34750
	Colour Free	50 – 1250 µl	40 Racks of 96	81-34751

Mpulti TipStation

The Mpulti TipStation saves space and waste with its tower of 5 floors of 96 x 2 racks of tips (960 tips in all). With its split cover that enables one set of tips to always be covered and its sturdy design, the TipStation is an excellent cost saving alternative to loose or single racks. Particularly suitable for use with multi-channel pipettes, the TipStation is autoclavable and also can be refilled with fresh bags of tips. Available with 10 µl and 200 µl Mpulti tips.



SPECIAL FEATURES

- Space-saving, cost saving, waste reducing design
- 2 sets of 96 tips on each of its 5 floors, 960 tips in all
- Split cover to reduce contamination risk
- Ideal for high throughput use with multi-channel pipettes
- Autoclavable

TIPSTATION 10

- With 10 µl MicroReach tips
- MicroReach tips are 45 mm in length to avoid sample contamination via the pipette shaft

TIPSTATION 200

- With 200 µl colour free or yellow pipette tips

PIPETTE TIP QUALITY

- Manufactured using virgin polypropylene
- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Universal fit' with a wide range of multi-channel pipettes
- The TipStation is also available with sterile or Low Binding tips for maximum sample recovery

PRODUCT	PIPETTE TYPE	COLOUR	QUANTITY	NUMBER OF TIPS	CAT. NO.
TipStation 10	1 – 10 µl MicroReach Tips	Colour Free	1	960	81-27780
TipStation 10	1 – 10 µl MicroReach Tips	Colour Free	5	4800	81-27781
TipStation 200	1 – 200 µl	Colour Free	1	960	81-27740
TipStation 200	1 – 200 µl	Colour Free	5	4800	81-27741
TipStation 200Y	1 – 200 µl	Yellow	1	960	81-27700
TipStation 200Y	1 – 200 µl	Yellow	5	4800	81-27701

Mpulti QuickShot™ 96 Stacking System

The Mpulti QuickShot™ makes rack refilling easy – supplied with re-usable racks of 96 tips the system is compatible with lidded rack boxes to save time and frustration!



SYSTEM COMPONENTS

- High-speed loading device for refilling tip racks
- Loading racks with 96 colourless or yellow 200 µl MpultiFit™ tips
- Magazines with 960 colourless or yellow 200 µl MpultiFit™ tips

RAPID RACK REFILLS

- Simple to use, refilling one box at a time
- Spring controlled lock prevents unintentional tip loading
- Vented magazine to release condensation when autoclaved

TRANSPARENT MAGAZINES

- Holds 96 colourless or yellow 200 µl MpultiFit™ tips

200 µl MpultiFIT™ TIPS

- Smooth interior surface for maximum pipetting accuracy and reproducibility even with smaller sample volumes
- Positioning rings for optimal pipette fit
- Universal fit with a wide range of pipettes
- Manufactured from virgin materials and guaranteed free from pyrogens
- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Autoclavable

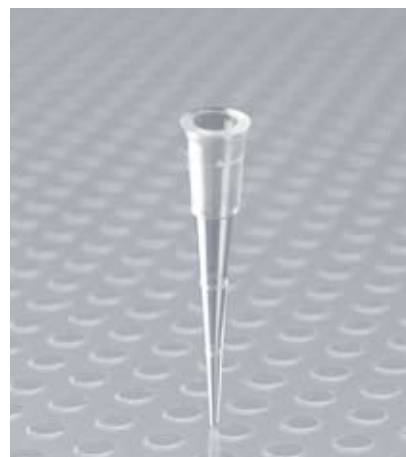
PRODUCT	COLOUR	VOLUME	DESCRIPTION	CAT. NO.
Starter Kit	Colour Free	1 – 200 µl	1 Loader, 10 Racks of 96 & 1 Magazine of 960	81-30020
	Yellow	1 – 200 µl	1 Loader, 10 Racks of 96 & 1 Magazine of 960	81-30030
Replacement Racks	Colour Free	1 – 200 µl	50 Racks of 96 (= 4800 tips)	81-30140
	Yellow	1 – 200 µl	50 Racks of 96 (= 4800 tips)	81-30160
Complete Systems	Colour Free	1 – 200 µl	10 Magazine of 960 & 10 Loaders	81-30240
	Yellow	1 – 200 µl	10 Magazine of 960 & 10 Loaders	81-30250

Multi Ultra G Micro Tips

With a less conical top, Multi Ultra G Tips are 10 µl pipette tips optimised to fit Gilson 10 µl pipettes and a wide range of commonly used pipettes.

SPECIAL FEATURES

- Optimised to fit Gilson 10 µl pipettes
- Also fit a wide range of commonly used pipettes
- Optimised design for maximum sample recovery and accuracy
- Manufactured from virgin materials and guaranteed free from pyrogens
- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Autoclavable
- Available bagged or in racks
- Available in sterile racks on request



PRODUCT	VOLUME	QUANTITY	CAT. NO.
Multi Ultra G Micro Tips	0.1 – 10 µl	1 Bag of 1000	81-23580
(Universal)	0.1 – 10 µl	10 Bags of 1000	81-23581
	0.1 – 10 µl	10 Racks of 96	81-23560
	0.1 – 10 µl	50 Racks of 96	81-23561

Multi Crystal Tips

Multi Crystal Tips are 10 µl pipette tips optimised to fit Eppendorf pipettes.

SPECIAL FEATURES

- Designed to fit Eppendorf pipettes
- Conical top and smooth narrow lumen for maximum sample recovery and accuracy
- Manufactured from virgin materials and guaranteed free from pyrogens
- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Autoclavable
- Available bagged or in racks
- Available in sterile racks on request



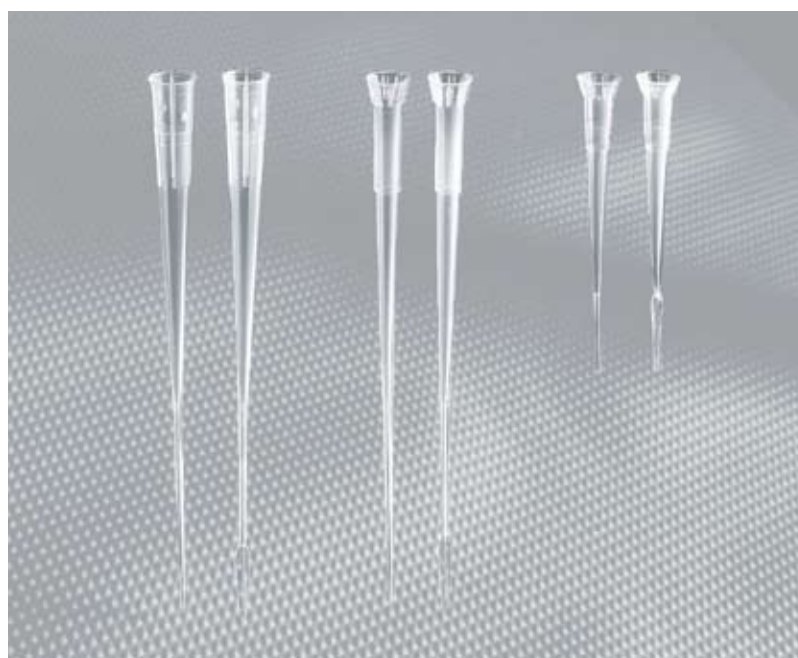
PRODUCT	VOLUME	QUANTITY	CAT. NO.
Multi Crystal Tips	0.5 – 10 µl	1 Bag of 1000	81-13970
(for Eppendorf pipettes)	0.5 – 10 µl	10 Bags of 1000	81-13971
	0.5 – 10 µl	10 Racks of 96	81-22220
	0.5 – 10 µl	50 Racks of 96	81-22221

MpultiFlex™ Gel Loader Tips

The MpultiFlex™ Gel Loader Tips have an especially long tapering design to enable precise and simple loading of gels.

SPECIAL FEATURES

- Optimised design for gel loading
- Universal fit for a wide range of pipettes
- Manufactured from virgin materials and guaranteed free from pyrogens
- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Autoclavable
- Available bagged or in racks
- Available in sterile racks on request



WIDE RANGE OF DESIGNS

- 10 different tip types in 3 different volumes
- MpultiFlex™, MpultiFlex™ E and MiniFlex™ available sterile on request
- MpultiFlex™ ECO, cost effective gel loading tips available in single bags

ROUND TIP ENDS

- For use in medium sized gels
0.57 mm capillary size

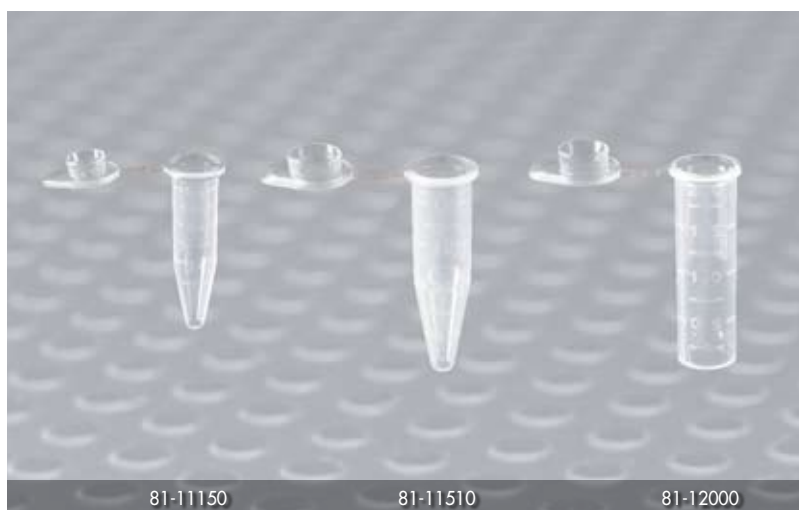
FLAT TIP ENDS

- Ideal for smaller gels
- Two sizes available
0.37 mm and 0.17 mm

PRODUCT	VOLUME	TYP	QUANTITY	CAT. NO.
MpultiFlex™ Tips (Universal)	0.5 – 200 µl	Round	4 Racks of 200	81-13790
	0.5 – 200 µl	Round	20 Racks of 200	81-13791
	0.5 – 200 µl	0.37 mm, flat	4 Racks of 200	81-13760
	0.5 – 200 µl	0.37 mm, flat	20 Racks of 200	81-13761
	0.5 – 200 µl	0.17 mm, flat	4 Racks of 200	81-17310
	0.5 – 200 µl	0.17 mm, flat	20 Racks of 200	81-17311
MpultiFlex™ E Tips (For Eppendorf Pipettes)	0.5 – 10 µl	Round	4 Racks of 200	81-13920
	0.5 – 10 µl	Round	20 Racks of 200	81-13921
	0.5 – 10 µl	0.37 mm, flat	4 Racks of 200	81-13890
	0.5 – 10 µl	0.37 mm, flat	20 Racks of 200	81-13891
	0.5 – 10 µl	0.17 mm, flat	4 Racks of 200	81-17330
	0.5 – 10 µl	0.17 mm, flat	20 Racks of 200	81-17331
Mpulti MiniFlex™ Tips (Universal)	0.1 – 10 µl	Round	4 Racks of 200	81-15100
	0.1 – 10 µl	Round	20 Racks of 200	81-15101
	0.1 – 10 µl	0.37 mm, flat	4 Racks of 200	81-15120
	0.1 – 10 µl	0.37 mm, flat	20 Racks of 200	81-15121
	0.1 – 10 µl	0.17 mm, flat	4 Racks of 200	81-17350
	0.1 – 10 µl	0.17 mm, flat	20 Racks of 200	81-17351
Mpulti ECOFlex™ Tips (Universal)	0.5 – 200 µl	Round	1 Bag of 1000	81-28480
	0.5 – 200 µl	Round	5 Bags of 1000	81-28481

Mpulti SafeSeal™ Reaction Tubes

Mpulti SafeSeal™ is a range of reaction vessels with an additional, easy to recognize, safety seal. Available in three different sizes and also with a 'Low Binding' surface, these tubes are especially useful in a diagnostic or restricted environment where evidence of tube contamination may be crucial.



SPECIAL FEATURES

- High strength vials with additional safety seals
- Available in three sizes – 0.65 ml, 1.7 ml and 2.0 ml
- Manufactured from high quality virgin polypropylene
- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Autoclavable
- Resistant to centrifugation forces up to 26,000 x g
- Flat caps for easy sample marking
- Temperature resistant from – 80 °C and +121 °C

PRODUCT	SURFACE	QUANTITY	CAT. NO.
Mpulti SafeSeal™ Tubes 0.65 ml, Colour Free	Standard	1 Bag of 1000	81-11150
		5 Bags of 1000	81-11151
	Low Binding	2 Bags of 500	81-11330
		10 Bags of 500	81-11331
Mpulti SafeSeal™ Tubes 1.7 ml, Colour Free	Standard	1 Bag of 1000	81-11510
		5 Bags of 1000	81-11511
	Low Binding	2 Bags of 500	81-11720
		10 Bags of 500	81-11721
Mpulti SafeSeal™ Tubes 2.0 ml, Colour Free	Standard	2 Bags of 400	81-12000
		10 Bags of 400	81-12001
		Low Binding	2 Bags of 500
10 Bags of 500	81-12181		

Multi TwistTop™ Vials

With hundreds of uses around the laboratory including centrifugation, sample transportation and storage, the Multi TwistTop™ vial range offers great value for money. Available in three sizes (0.65 ml, 1.7 ml and 2.0 ml) with large, brightly coloured caps.



SPECIAL FEATURES

- Numerous uses around the laboratory
- Suitable for use in micro centrifuges, heating blocks and racks
- Available in three sizes – 0.65 ml, 1.7 ml and 2.0 ml
- 1.7 ml and 2.0 ml vials are available with conical or free standing bases
- Tight closure with integrated seal
- Clearly graduated
- Vertical bands for extra handling grip
- Easy to write on caps and surfaces
- Manufactured from high quality virgin polypropylene
- Certified free from RNases, DNases, human DNA, PCR inhibitors, pyrogens and heavy metals
- Autoclavable
- Resistant to centrifugation forces up to 17,000 x g
- Flat caps for easy sample marking
- Temperature resistant from – 80 °C and + 121 °C

PRODUCT	TYPE / COLOUR	QUANTITY	CAT. NO.
Multi TwistTop™ Vials ¹ 0.65 ml	'Skirted', free-standing	2 Bags of 500	81-15530
	'Skirted', free-standing	10 Bags of 500	81-15531
Multi TwistTop™ Vials ¹ 1.7 ml	'Skirted', free-standing	2 Bags of 500	81-15570
	'Skirted', free-standing	10 Bags of 500	81-15571
	Conical	2 Bags of 500	81-15590
	Conical	10 Bags of 500	81-15591
Multi TwistTop™ Vials ¹ 2.0 ml	'Skirted', free-standing	2 Bags of 500	81-15610
	'Skirted', free-standing	10 Bags of 500	81-15611
	Conical	2 Bags of 500	81-15630
	Conical	10 Bags of 500	81-15631
Multi TwistTop™ Vial Caps	Yellow	2 Bags of 500	81-15400
	Red	2 Bags of 500	81-15410
	Green	2 Bags of 500	81-15460
	Blue	2 Bags of 500	81-15470
	White	2 Bags of 500	81-15480
	Colour Free	2 Bags of 500	81-15490
	Assorted Colours	5 Bags of 200	81-15510

¹⁾ No vial caps are included

Electroporation Cuvettes



1 mm, 2 mm and 4 mm cuvettes



External and internal V-shaped profile of the cuvette

UNIVERSAL DESIGN

- Universal Design suitable for the widest range of electroporators
- 1 mm, 2 mm AND 4 mm with long electrode designs also with long electrodes suitable for electroporators with high positioned contact plates
- Reduced cover height: compatible with electroporators with reduced height chambers

REPRODUCIBLE RESULTS

- High quality grade polycarbonate and high grade materials to ensure consistent uniform pulse generation and optimal gene transfer
- Smooth electrode surfaces for a uniform electrical field

MAXIMUM SAMPLE RECOVERY

- V-shaped profile of the cuvette bottom makes sample recovery easier
- Cap lip and positive seal reduces potential aerosol and contamination issues

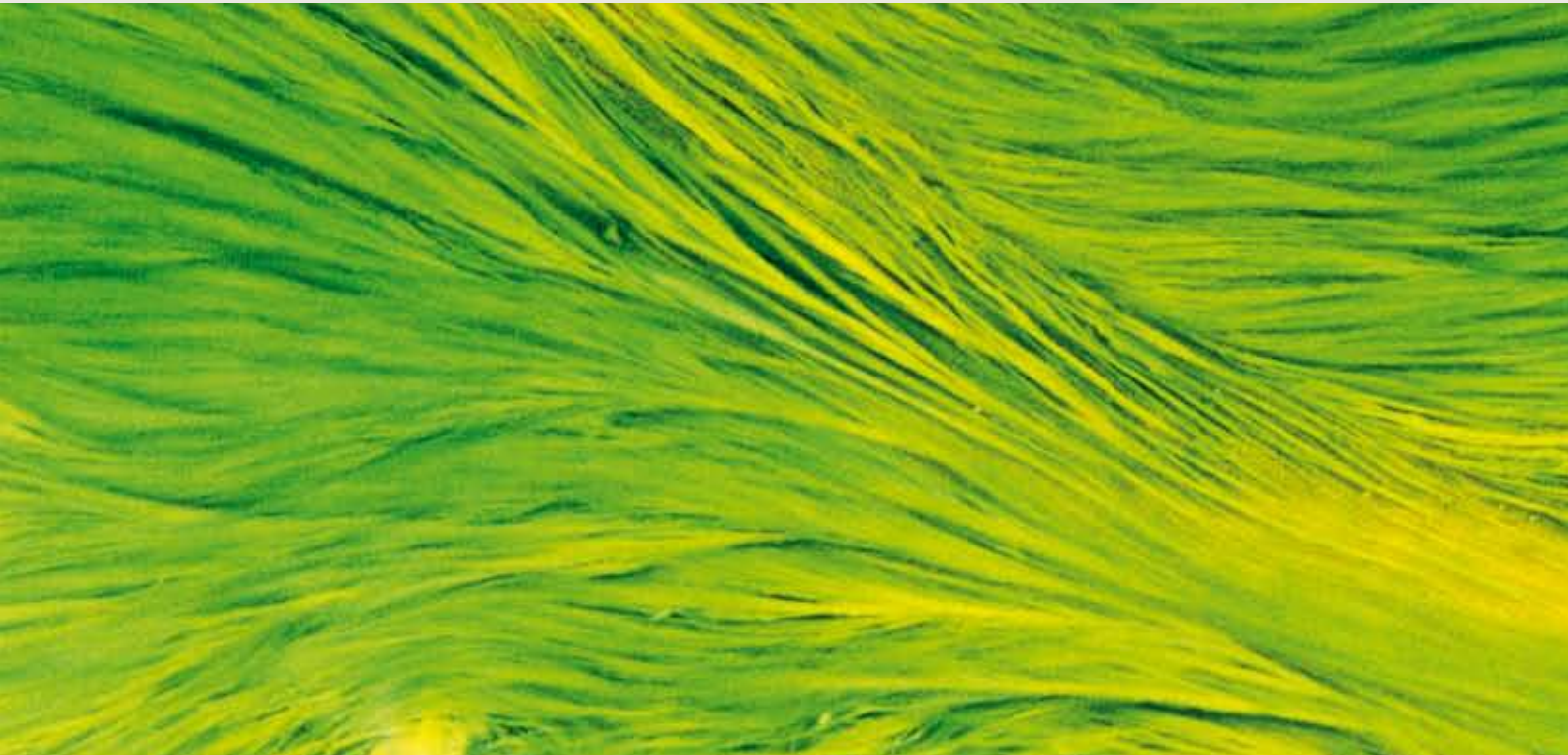
STERILITY

- All cuvettes are γ -irradiated and packed in individual sterile packs
- Tight, leak proof cap
- Simple tear wrapper reduces contamination risk
- Positive pressure reduces aerosol contamination in the case of arcing

CUVETTE BODY

- Colour coded red, blue and green for simple identification
- Cuvette chamber made from high quality polycarbonate
- Electrodes manufactured from high-quality aluminium
- 1 mm cuvettes: For electroporation with very high field strengths (e.g. with Gram positive bacteria)
- 2 mm cuvettes: For electroporation with middle field strengths (different bacteria, yeasts)
- 4 mm cuvettes: For electroporation with small field strengths (e.g. eukaryotic cells)

PRODUCT	DESCRIPTION	CAT. NO.
1 mm Cuvette	25 Cuvettes, individually sterile wrapped, short electrode, red	71-2010
2 mm Cuvette	25 Cuvettes, individually sterile wrapped, short electrode, blue	71-2020
1 mm Cuvette, LE	25 Cuvettes, individually sterile wrapped, long electrode, red	71-2010-LE
2 mm Cuvette, LE	25 Cuvettes, individually sterile wrapped, long electrode, blue	71-2020-LE
4 mm Cuvette, LE	25 Cuvettes, individually sterile wrapped, long electrode, green	71-2030



PEQLAB Biotechnologie GmbH

Carl-Thiersch-Str. 2 b
91052 Erlangen

Telephone: +49 (0) 9131 610 7020
Fax: +49 (0) 9131 610 7099
Email: info@peqlab.de
Internet: www.peqlab.de