

# Multiwell Plates, PCR & Sealing

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# Multiwell Plates, PCR and Sealing

In order to meet and often exceed customer expectations, Elkay offer a precision manufactured, comprehensive range of consumables for microplate, PCR and sealing applications. With over 20 new or improved products added to this section alone, we have put a real emphasis on offering our customers a solution for all their research and routine laboratory needs.

## Storage Plates

- High-Throughput Screening
  - Dilutions
  - Sample Preparation
- Combinatorial Chemistry
  - Reference Libraries
  - Long-term Storage
    - SBS Formats

## Clinical Assay Plates

- ELISA's
- Assay Preparation
- Sample Storage
  - Microbiology
  - Virology
- Blood Banks

## 'Speciality' Plates and Reagent Reservoirs™

- HitPlate Racked Tubes
- 24/48 Well Assay Plates
- Automation Compatible Reagent Reservoirs





## PCR Plates

- 96 / 384 well options
- Skirted, Half-skirted and Non-skirted formats
- Elevated wells available
- RT-PCR and Sequencing compatibility

## PCR Tubes and Strips

- 0.2ml Tubes with Flat and Domed Caps
- 0.5ml Tubes with Flat Caps
- Microstrips of 8 x 0.2ml Tubes with separate and attached caps
  - Optically Clear Micro Caps



## Sealing

- Adhesive Sealing Film in:
  - Polyester
  - Polypropylene
  - Optically Clear Polyester
    - Aluminium Foil
- EVA and Silicone Sealing Mats in 24, 48, 96 & 384-well formats
- Sealing Roller available

# Multiwell Plates, PCR and Sealing

## Multiwell Plates - 96 Well

- Stackable
- Alphanumeric numbering for sample identification
- Cut-away corners to help facilitate orientation
- Manufactured from premium grade raw materials


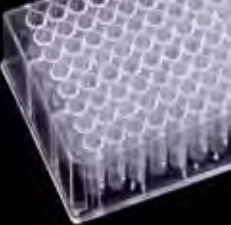



	Polystyrene			Polypropylene
<b>Plate Details</b>	Polystyrene <b>96</b> x Round Bottom Clear	Polystyrene <b>96</b> x Conical 'V' Bottom Clear	Polystyrene <b>96</b> x Flat Bottom Clear	Polypropylene <b>96</b> x Round Well Natural
<b>Maximum Well Volume (ml)</b>	0.33	0.23	0.38	0.5
<b>CATALOGUE NUMBER</b>	MICR-TPU	MICR-TPV	MICR-TPF	MICR-PUX
<b>Unit Qty</b>	100	100	100	50
<b>Unit Price (£)</b>	40.00	40.00	40.00	110.00
<b>SBS Format</b>	No	No	No	Yes
<b>RECOMMENDED USES</b>				
<b>General Storage</b>		✓		✓
<b>HTS</b>				✓
<b>Compound Storage/Libraries</b>				✓
<b>Combinatorial Chemistry</b>				✓
<b>Reference Libraries</b>				
<b>Assay Preparation</b>	✓	✓	✓	
<b>Blood Banks</b>	✓			
<b>Other:</b>	Microbiology Virology	Centrifugal Protocols	ELISA's Spectrophotometry	Screening Culturing Assays
<b>SEALING OPTIONS (for Pricing see pages 61-63)</b>				
<b>Film</b>	SEA-LPLT-100* SEA-LPLT-STR SEA-LPLT-GSX	SEA-LPLT-100* SEA-LPLT-STR SEA-LPLT-GSX	SEA-LPLT-100* SEA-LPLT-STR SEA-LPLT-GSX	SEA-LPLT-100* SEA-LPLT-STR SEA-LPLT-GSX
<b>Aluminium Foil</b>	SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100
<b>Mats</b>				MAT-WP-96RD
<b>Lids</b>	MICR-LID	MICR-LID	MICR-LID	

\* Recommended sealing option for general use

**Quantity  
discounts  
available**

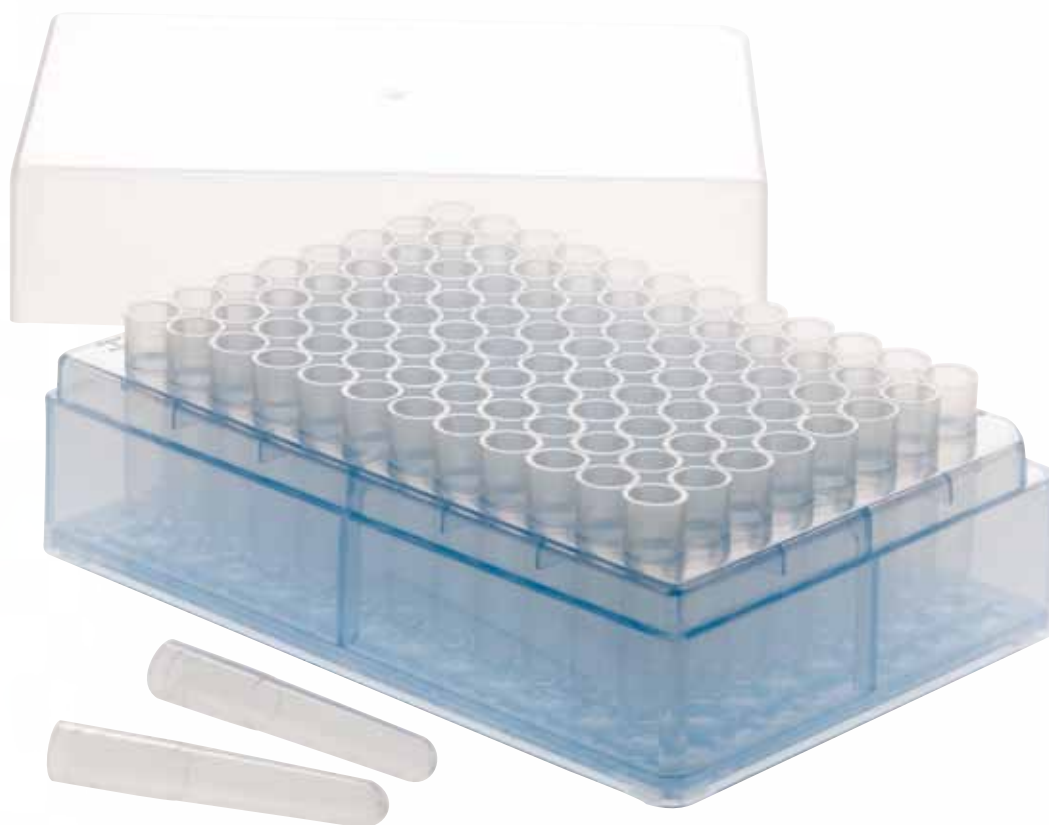
## Multiwell Plates - 96 Deep-Well

- Manufactured from virgin polypropylene, which is autoclavable and has high chemical resistance
- Compatible with all liquid handling workstations and robot 'ready'
- Alphanumeric numbering for sample identification, moulded into top edge of plate
- Improved round bottom well design
- Ideal for applications such as compound storage, reference labs, blood banks etc.

Polypropylene	Polystyrene	Polypropylene		
				
Polypropylene <b>96 x Conical 'V' Well</b> Natural	riplate® Polystyrene <b>96 x 1ml Round Well</b> Clear	riplate® Polypropylene <b>96 x 1ml Round Well</b> Natural	riplate® <b>Plus</b> Polypropylene <b>96 x 1ml Round Well</b> Vented with Raised 'Chimneys' Natural	riplate® Polypropylene <b>96 x 2.4ml Square Well</b> Natural
0.48	1.2	1.2	1.2	2.5
MICR-PVX	DT850276	DT850289	43001-0116	DT850301
50	20	20	20	20
110.00	48.00	48.00	48.00	50.00
Yes	Yes	Yes	Yes	Yes
✓	✓	✓	✓	✓
✓		✓	✓	✓
✓		✓	✓	✓
✓		✓	✓	✓
		✓	✓	✓
	✓	✓	✓	✓
		✓	✓	✓
Storage / transport of samples	Pre-assay dilutions		Water Based PCR protocols	
SEA-LPLT-100* SEA-LPLT-STR SEA-LPLT-GSX	SEA-LPLT-100 SEA-LPLT-STR SEA-LPLT-GSX	SEA-LPLT-100 SEA-LPLT-STR SEA-LPLT-GSX	SEA-LPLT-100 SEA-LPLT-STR SEA-LPLT-GSX	SEA-LPLT-100 SEA-LPLT-STR SEA-LPLT-GSX
SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100
MAT-WP-96RD	DT850277*	DT850277*	DT850277*	DT850317* MAT-WP-96SQ

## Autotube Racked Microtube System For archiving and long-term storage

Racked autotubes have the same footprint as microtitration plates – so there is no need for an adaptor when replacing plates in automatic pipetting stations.



- 96 x 1.1ml tubes per rack in the standard 8 x 12 format
- Made from 100% virgin polypropylene. Tubes, racks and covers are autoclavable and can be stored to -80°C
- Resistant to most research chemicals
- Easy-to-read numbers and letters on the lid to allow identification of tube positions
- Polyethylene plug caps come on a strip (8 caps per strip) which can either be used with rows of tubes or cut into individual caps. Cap strips are available non-sterile and sterile, but are not autoclavable.
- Caps maintain sample integrity during mixing and storage.
- Many uses in all types of laboratories including:
  - Cell harvesting
  - Cell uptake studies
  - Receptor binding assays
  - Radio Immunoassays (RIA)
  - Enzyme Immunoassays (EIA)

CATALOGUE NUMBER	DESCRIPTION	UNIT QTY	UNIT PRICE (£)
000-MICR-120	Autotubes only, Bulk, Non-sterile, 1.1ml	960	22.00
001-MICR-096	Autopack 96 (Rack, Cover & Tubes), Non-sterile	10x96	44.00
001-MICR-S96	Autopack 96 (Rack, Cover & Tubes), Sterile	10x96	53.00
MICR-128	Autotube 8-Strip Tubes, 1.1ml, Non-sterile	8x120	22.00
STRP-008	Autotube Plug Caps, Non-sterile, 120x8	960	16.00
STRP-ST8	Autotube Plug Caps, Sterile, 120x8	960	21.00

**Stainless Steel Freezer Racking 91-92**

## Hitplate™ Racked Microtube System

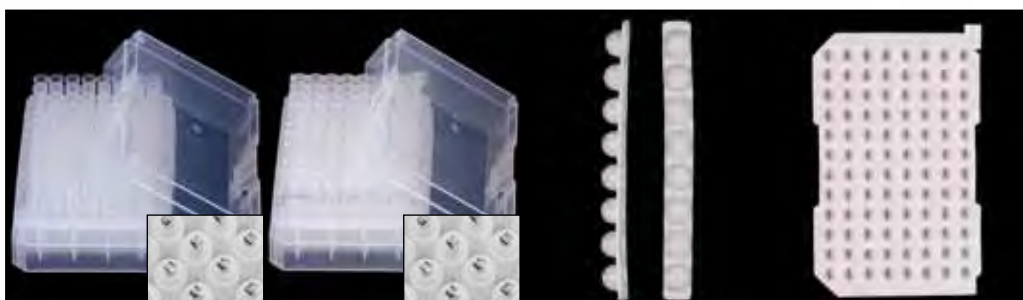
For use in automation applications

Hitplate™ is the ideal partner when multi-channel liquid handling of larger volume samples is required, particularly suited for use with automated liquid handling systems. The optional retaining frame offers extra security ensuring tubes cannot be removed unintentionally.

- SBS standard footprint
- Individual alphanumeric printed tubes available
- Made from 100% virgin polypropylene
- Tubes, racks and covers are autoclavable and can be stored to -80°C
- Retaining frame version for use with robotic systems



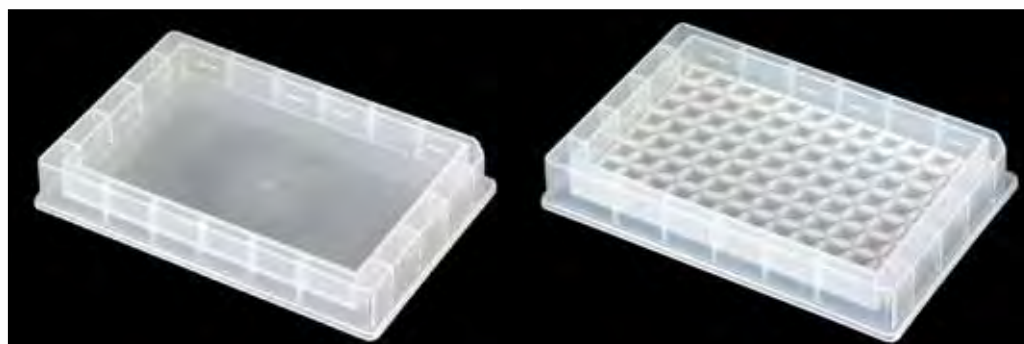
<b>Product Details</b>	Hitplate™ 96 x 1.2ml Polypropylene Racked, Removeable Tubes with Cover Natural	Hitplate™ 1.2ml Individual Polypropylene Tubes Natural	Hitplate™ Empty Rack with Cover	Hitplate™ 96 x 1.2ml Polypropylene Racked, Removeable Tubes with Retaining Frame and Cover Natural
<b>CATALOGUE NUMBER</b>	605100	605101	605110	605300
<b>Unit Qty</b>	10 x 96	960	10	10 x 96
<b>Unit Price (£)</b>	70.00	48.00	50.00	100.00
<b>Additional Information</b>	Good for organised and secure sample storage.	Enables reuse of the Hitplate™ rack. Useful for pre-assay dilutions (ie ELISA's, etc.). Compatible with some sample processors.	For use with individual Hitplate™ tubes.	Retaining frame secures tubes for use with robotics. Can decant tubes whilst in a racked format.



<b>Product Details</b>	Hitplate™ 96 x 1.2ml Polypropylene Racked, Alphanumeric Printed Tubes and Cover Natural	Hitplate™ 96 x 1.2ml Polypropylene Racked, Alphanumeric Printed Tubes with Retaining Frame and Cover Natural	Hitplate™ Strip of 8 x Polyethylene Pierceable Plug Caps	96 Cap mat for Hitplate™ Pierceable
<b>CATALOGUE NUMBER</b>	605400	605500	605115	605277
<b>Unit Qty</b>	10 x 96	10 x 96	120	pk10
<b>Unit Price (£)</b>	90.00	110.00	45.00	40.00
<b>Additional Information</b>	Alphanumeric printing helps identify placement of individual tubes if removed.	Retaining frame secures tubes for use with robotics. Alphanumeric printing helps identify placement of individual tubes if removed. Can decant tubes whilst in a racked format.		For use with 605100, 605300, 605400 and 605500

## Automation Compatible Reagent Reservoir™

- Moulded from natural virgin polypropylene
- Pyramidal well bottom for maximum reagent recovery
- Chemical and heat resistant
- Autoclavable
- Adheres to SBS/ANSI standard dimensions
- Pre-sterilised reservoirs are available - contact us for full details



<b>Product Details</b>	Low Profile Single Well Reagent Reservoir	Low Profile Single Well Reagent Reservoir with 96 'Pools'
<b>Type</b>	Standard	Pool
<b>Maximum Fill Volume</b>	90ml	86ml
<b>Maximum 'Pool'/Column Volume</b>	90ml	64µl
<b>CATALOGUE NUMBER</b>	RES-01SW-025	RES-96SW-025
<b>Unit Qty</b>	25	25
<b>Unit Price (£)</b>	147.00	147.00



<b>Product Details</b>	Anti-splash Baffle Reservoir Baffle for use with RES-01SW-025	High Profile Single Well Reagent Reservoir with 96 'Pools'
<b>Type</b>	N/A	Pool
<b>Maximum Fill Volume</b>	N/A	240ml
<b>Maximum 'Pool'/Column Volume</b>	N/A	64µl
<b>CATALOGUE NUMBER</b>	RES-BAFF-L10	RES-96DW-025
<b>Unit Qty</b>	10	25
<b>Unit Price (£)</b>	19.70	147.00

18-21

Automation  
Grade Tips

25&28


Multi-channel  
Pipettors




# Multiwell Plates, PCR and Sealing

Four designs are available:

- Standard Series: a shallow well reservoir holding a max volume of 90ml
- Pool Series: 96 or 384 well 'pools' holding sample volumes of 7 and 64µl in a low profile style
- Trough Series: 8 or 12 channel troughs in shallow well format holding 175 and 4ml per channel
- Partition Series, 8 or 12 row in deep well format holding 21 and 32ml volumes



Low Profile Single Well Reagent Reservoir with 384 'Pools'	Low Profile Reagent Reservoir with 8 Trough Rows	Low Profile Reagent Reservoir with 12 Column Partitions
Pool	Trough	Partition
92ml	32ml	21ml
7µl	4ml	1.75ml
RES-38SW-025	RES-08SW-025	RES-12SW-025
25	25	25
147.00	147.00	147.00

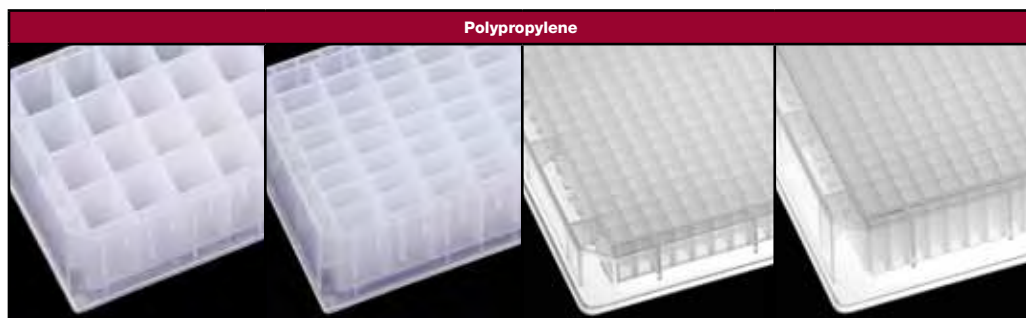


High Profile Single Well Reagent Reservoir with 384 'Pools'	High Profile Reagent Reservoir with 8 Row Partitions	High Profile Reagent Reservoir with 12 Column Partitions
Pool	Partition	Partition
282ml	256ml	252ml
7µl	32ml	21ml
RES-38DW-025	RES-08DW-025	RES-12DW-025
25	25	25
147.00	147.00	147.00

# Multiwell Plates, PCR and Sealing

## Multiwell Plates - 24, 48 & 384 Deep-Well

- SBS standard footprint
- Optimised storage volume due to rectangular well shape
- Designed for high throughput applications and are well suited for combinatorial chemistry
- Ideal for compound storage and handling biological samples
- DMSO resistant



Polypropylene				
<b>Plate Details</b>	Polypropylene 24 x 10ml 'V' Shaped Well Natural	Polypropylene 48 x 5ml 'V' Shaped Well Natural	Polypropylene 384 x 0.12ml Square Shallow Well Natural	Polypropylene 384 x 0.24ml Square Deep Well Natural
<b>Maximum Well Volume (ml)</b>	10	5	0.13	0.25
<b>CATALOGUE NUMBER</b>	43001-0066	43001-0062	384-WELL-005	384-WELL-006
<b>Unit Qty</b>	20	20	24	24
<b>Unit Price (£)</b>	84.00	84.00	89.00	130.00
<b>SBS Format</b>	Yes	Yes	Yes	Yes
<b>RECOMMENDED USES</b>				
<b>General Storage</b>	✓	✓	✓	✓
<b>HTS</b>	✓	✓	✓	✓
<b>Compound Storage/Libraries</b>	✓	✓		
<b>Combinatorial Chemistry</b>	✓	✓		
<b>Reference Libraries</b>	✓	✓	✓	✓
<b>Assay Preparation</b>	✓	✓		
<b>Blood Banks</b>				
<b>Other:</b>				
<b>SEALING OPTIONS</b>				
<b>Film</b>	SEA-LPLT-100 SEA-LPLT-STR	SEA-LPLT-100 SEA-LPLT-STR	SEA-LPLT-100 SEA-LPLT-STR	SEA-LPLT-100 SEA-LPLT-STR
<b>Aluminium Foil</b>	SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100	SEA-LPLT-F96 SEA-LPFC-100
<b>Mats</b>	43001-0070*	43001-0069*	MAT-WP-384SQ*	MAT-WP-384SQ*

\* Recommended sealing option for general use

Sealing Mats 72-73

Multiwell Plate Storage Solutions 90-91

# Multiwell Plates, PCR and Sealing

## Elkay PCR

All Elkay PCR consumables have ultra-thin walls, are precision moulded and made from virgin polypropylene. The dimensional accuracy of the wall thickness helps ensure a rapid and uniform thermal transfer during the PCR process. This will keep specificity high and cycling times low but most importantly provide researchers with accurate and reproducible results from their plastic consumables.

Elkay PCR products are cleanroom produced and certified DNase, RNase and endotoxin free on a lot by lot basis, thus ensuring product reliability and peace of mind at a reasonable cost.

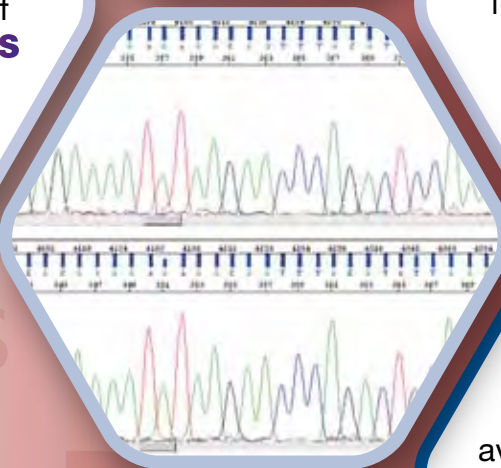
Certified DNase,  
RNase and Pyrogen Safe



Cross reference information  
for thermal cyclers, Q-PCR  
cyclers and sequencers

PCR tubes and strips  
available in a variety of  
formats and **COLOURS**

New Plate and well formats  
for RT-PCR, sequencers  
and comprehensive  
sealing options



Elevated wells  
available in 96 well format  
ensuring effective sealing  
and reduced risk of  
cross-contamination

# Multiwell Plates, PCR and Sealing

## PCR Tubes

- 0.2ml and 0.5ml tubes are compatible with all current thermal cycler blocks with heated lids
- Integral 'snap shut' caps on all tubes
- All are certified free from DNase, RNase and endotoxins



### Individual PCR Tubes - 0.2ml Flat



Product Details	0.2ml Thin-walled Polypropylene Tube with Integral Flat Cap	0.2ml Thin-walled Polypropylene Tube with Integral Flat Cap	0.2ml Thin-walled Polypropylene Tube with Integral Flat Cap
Colour	NATURAL	RED	YELLOW
CATALOGUE NUMBER	THER-02NF	THER-02RF	THER-02YF
Unit Qty	1000	1000	1000
Unit Price (£)	29.00	29.00	29.00

### Individual PCR Tubes - 0.2ml Domed



Product Details	0.2ml Thin-walled Polypropylene Tube with Integral Domed Cap	0.2ml Thin-walled Polypropylene Tube with Integral Domed Cap	0.2ml Thin-walled Polypropylene Tube with Integral Domed Cap
Colour	NATURAL	RED	YELLOW
CATALOGUE NUMBER	THER-02N	THER-02R	THER-02Y
Unit Qty	1000	1000	1000
Unit Price (£)	29.00	29.00	29.00

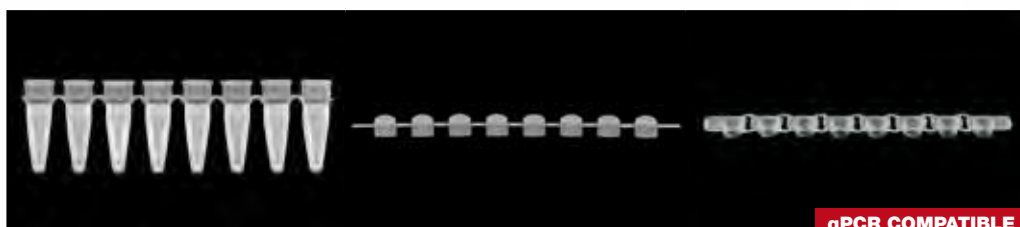
### Individual PCR Tubes - 0.5ml Flat



Product Details	0.5ml Thin-walled Polypropylene Tube with Integral Flat Cap	0.5ml Thin-walled Polypropylene Tube with Integral Flat Cap	0.5ml Thin-walled Polypropylene Tube with Integral Flat Cap
Colour	NATURAL	RED	YELLOW
CATALOGUE NUMBER	THER-05NX	THER-05R	THER-05Y
Unit Qty	1000	1000	1000
Unit Price (£)	28.00	28.00	28.00

## PCR Strip Tubes

- Strips compatible with all current 0.2ml 96-well cycler blocks with heated lids and all 8-channel pipettors
- 'Clapperboard'-style strip caps keep tubes and caps together
- Optically clear caps offer 75% higher light transmittance than standard strip caps making them ideal for lower throughput light detection assays such as RT-PCR
- All strip tubes and caps are certified free from DNase, RNase and endotoxins
- Integral caps eliminate the need for additional stock items



**qPCR COMPATIBLE**

<b>Product Details</b>	Row of TUBES only - NO CAPS Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes NATURAL	Row of CAPS only - NO TUBES Strip of 8 x Domed Microcaps	Strip of 8 x Flat, Optically Clear Microcaps Recommend for use with RT-PCR, fluorescence and luminescence detection applications.
<b>CATALOGUE NUMBER</b>	THER-08N	THER-ST8	THER-ST8F
<b>Unit Qty</b>	2 x 125	2 x 125	2 x 125
<b>Unit Price (£)</b>	130.00	29.00	30.00



<b>Product Details</b>	Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Domed 'Clapperboard' Style Hinged Caps NATURAL	Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Integral Hinged, FLAT, Pierceable Caps NATURAL	Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Integral Hinged, FLAT, Pierceable Caps RED
<b>CATALOGUE NUMBER</b>	THER-266	THER-A8N	THER-A8R
<b>Unit Qty</b>	2 x 125	2 x 125	2 x 125
<b>Unit Price (£)</b>	150.00	165.00	165.00



<b>Product Details</b>	Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Integral Hinged, FLAT, Pierceable Caps YELLOW	Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Integral Hinged, DOMED, Pierceable Caps NATURAL
<b>CATALOGUE NUMBER</b>	THER-A8Y	THER-A8ND
<b>Unit Qty</b>	2 x 125	2 x 125
<b>Unit Price (£)</b>	165.00	165.00



Close-up of integral hinged caps

# Multiwell Plates, PCR and Sealing

## PCR Plates



<b>Plate Details</b>	96-well 0.2ml Polypropylene Non-skirted Natural  Standard thermal cycling plate. Good compatibility with most cyclers.	96-well 0.2ml Polypropylene Skirted Natural  Standard thermal cycling plate. Good compatibility with most cyclers and sequencers.	96-well 0.2ml Polypropylene Half-skirted Natural  Standard thermal cycling plate. Developed to fit ABI sequencers.
<b>CATALOGUE NUMBER</b>	THER-FA1	THER-FA3L	THER-FA7
<b>Unit Qty</b>	25	50	50
<b>Unit Price (£)</b>	59.00	110.00	120.00
<b>Maximum Volume/Well</b>	340µl	240µl	340µl
<b>Working Volume/Well</b>	300µl	200µl	300µl
<b>Working Volume/Well With Sealing Mat</b>	220µl	140µl	240µl
<b>INSTRUMENT COMPATIBILITY</b>			
<b>Thermal Cyclers</b>	Applied Biosystems (not 9800) Biometra BioRad Eppendorf ThermoHybaid MJ Research MWG Stratagene Techne	Biometra (not Uno II) Eppendorf ThermoHybaid MJ Research MWG Stratagene Techne	Applied Biosystems (not 9800) Biometra BioRad Eppendorf ThermoHybaid MJ Research MWG Techne
<b>RT-PCR Thermal Cyclers</b>	Applied Biosystems Biorad	Biorad Eppendorf MJ Research Stratagene Mx3000 Techne	Applied Biosystems (not 7300 or 7500) Biorad
<b>Sequencers</b>	Applied Biosystems	Amersham MegaBACE 500 MJ Research Transgenomic	Applied Biosystems
<b>SEALING RECOMMENDATIONS (for Pricing see pages 63-65)</b>			
<b>Film</b>			
<b>PCR</b>	SEA-LPLT-PP2	SEA-LPLT-PP2	SEA-LPLT-PP2
<b>Q-PCR</b>	SEA-LPTS-RT2 SEA-LPTS-RT5	SEA-LPTS-RT2 SEA-LPTS-RT5	SEA-LPTS-RT2 SEA-LPTS-RT5
<b>Aluminium Foil</b>	SEA-LPLT-F96	SEA-LPLT-F96	SEA-LPLT-F96
<b>Silicone Mats</b>	MAT-PCR-96	MAT-PCR-96	MAT-PCR-96
<b>Other Information</b>	Other plate colours available at no additional cost: THER-FABL (blue) THER-FAGR (green) THER-FARD (red) THER-FAYL (yellow)	Other plate colours available, please enquire.	Other plate colours available, please enquire.

Plates are certified DNase, RNase and DNA free

# PCR Plates

			
96-well 0.2ml Polypropylene Half-skirted Natural Standard thermal cycling plate. Designed specifically for use with ABI cyclers and sequencers.	96-well 0.2ml Polypropylene Non-skirted Natural Elevated Wells Standard thermal cycling plate. Elevated wells help ensure uniform sealing across plate.	96-well 0.2ml Polypropylene Half-skirted Natural LOW PROFILE Wells Rapid thermal cycling plate. Designed specifically for use with ABI Fast and 9800 cycler.	384-well Polypropylene Skirted Natural Standard 384-well low volume thermal cycling plate.
THER-FA10	THER-FA8	THER-FA11	THER-384
50	50	25	50
125.00	149.00	80.00	155.00
335µl	340µl	240µl	55µl
300µl	300µl	200µl	50µl
260µl	250µl	140µl	40µl
Applied Biosystems (not 9800)	Applied Biosystems (not 9800) Biomtra BioRad Eppendorf ThermoHybaid MJ Research MWG Techne	Applied Biosystems 9800 Techne (not Touchgene X)	Applied Biosystems (not 9600 or 9800) Biomtra (not Uno or Tgradient) Eppendorf ThermoHybaid MJ Research MWG Techne (not Genius)
Applied Biosystem	Applied Biosystems (not 7300 or 7500) Biorad	Applied Biosystems 7300, 7500, 7900HT	Applied Biosystems (only 7900HT)
Applied Biosystems	Applied Biosystems		Applied Biosystems Amersham (only MegaBACE 4000)
SEA-LPLT-PP2	SEA-LPLT-PP2	SEA-LPLT-PP2	SEA-LPLT-PP2
SEA-LPTS-RT2 SEA-LPTS-RT5	SEA-LPTS-RT2 SEA-LPTS-RT5	SEA-LPTS-RT2 SEA-LPTS-RT5	SEA-LPTS-RT2 SEA-LPTS-RT5
SEA-LPLT-F96	SEA-LPLT-F96	SEA-LPLT-F96	SEA-LPLT-F96
MAT-PCR-96	MAT-PCR-96	MAT-PCR-96	MAT-PCR-384
	For MegaBACE, please enquire.	Available in Black or White, please enquire.	Other plate colours available, please enquire.

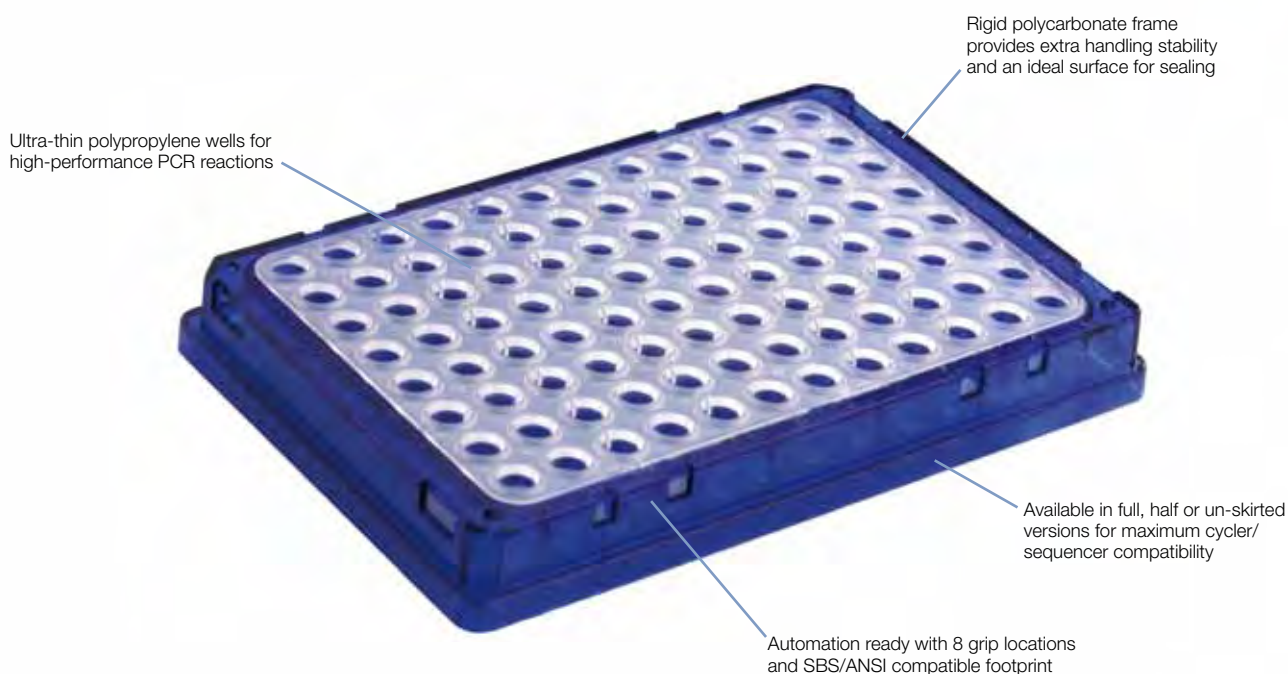


## PCR Plates

### riplate® PCR for Automated Handling

The riplate PCR plate has been manufactured using a two-part moulding process, offering the best performance for your PCR reactions. It has been specially designed with automated PCR protocols in mind, which is well suited for High Throughput Screening (HTS) but is equally advantageous in manual PCR applications.

- 10% thinner walls than conventional PCR plates
- Available in 150ul or 200ul well volumes
- Ultra-thin walls for *F A S T* PCR
- Certified RNase, Pyrogen and DNA Free
- White wells for RT-PCR and black wells for fluorescent analysis
- Reduced risk of warping due to the rigid polycarbonate (PC) frame
- Raised well rims for improved sealing and prevent cross contamination
- Stackable and colour coded



### riplate PCR Plates

Frame Colour		Natural	Blue	Green	White	Yellow
Well Colour		Natural	Natural	Natural	White	Black
<b>FULL-SKIRTED, 150µL</b>	<b>Cat No</b>	43001-0076	43001-0082	43001-0085	43001-0091	43001-0087
	<b>Unit Qty</b>	25	25	25	25	25
	<b>Unit Price (£)</b>	72.00	72.00	72.00	72.00	72.00
<b>HALF-SKIRTED, 200µL</b>	<b>Cat No</b>	43003-0000	43003-0001	43003-0004	43003-0005	-
	<b>Unit Qty</b>	25	25	25	25	-
	<b>Unit Price (£)</b>	72.00	72.00	72.00	72.00	-

Well Volume		150µL	200µL
<b>riplate PCR REFILL (without frame, natural only)</b>	<b>Cat No</b>	43001-0078	43003-0078
	<b>Unit Qty</b>	25	25
	<b>Unit Price (£)</b>	62.00	62.00



## Elkay Sealing Products

We have developed our range of sealing products which now offer the greatest possible number of choices to meet customer needs:

### Sealing Films




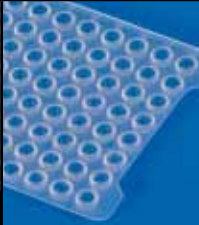



- For applications ranging from PCR and Real Time PCR to ELISA and Cell Culture.
- Bio-inert polyester based or polypropylene film provide compatibility with many multiwell plate assays.

	FILMS				
	General	PCR	RT-PCR	RT-PCR	RT-PCR
<b>Product Details</b>	Bio-inert Polyester Sealing Film with Perforated End Tabs.  Recommended for general applications such as short-term storage and containment of biohazards.	Sterile Bio-inert Polyester Sealing Film with Perforated End Tabs.  Recommended for general applications such as short-term storage and containment of biohazards.	Polypropylene Sealing Film with Perforated End Tabs.  Recommended for PCR Assays.	Optically Clear Polyester Sealing Film Medical Grade, Non-fluorescing Adhesive.  Recommended for RT-PCR Assays.	Optically Clear Polyester Sealing Film Medical Grade, Non-fluorescing Adhesive.  Recommended for RT-PCR Assays. Extra thickness helps eliminate wrinkling.
<b>CATALOGUE NUMBER</b>	SEA-LPLT-100	SEA-LPLT-STR	SEA-LPLT-PP2	SEA-LPTS-RT2	SEA-LPTS-RT5
<b>Unit Qty</b>	100	100	100	100	100
<b>Unit Price (£)</b>	26.50	42.00	39.00	85.00	89.00
<b>Temperature Range</b>	-40°C to +120°C	-40°C to +120°C	-40°C to +120°C	-40°C to +120°C	-40°C to +120°C
<b>Thickness</b>	50µm	50µm	50µm	50µm	125µm
<b>DNase/RNase Free</b>			✓	✓	✓
<b>COMPATIBILITY</b>					
<b>Pierceable</b>	✓	✓			
<b>PCR</b>			✓	✓	✓
<b>Q-PCR</b>				✓	✓
<b>Short-term Storage</b>	✓	✓	✓		
<b>Archiving</b>	✓	✓	✓		
<b>Autoclavable</b>					
<b>DMSO Resistant (testing suggested)</b>					
<b>ELISA</b>	✓	✓			
<b>Gas Exchange</b>					
<b>Light Sensitive Samples</b>					
<b>Ultracold Storage</b>					

**Free Samples  
of Film or Foil**

**Sealing Foil**

- Two new Aluminium foils ideal for use in ultracold storage that are DMSO resistant and pierceable and can withstand temperature ranges from -40 to +150°C.

FILMS	FOIL		MATS			
Cell			Assay/Storage			
						
Breathable Hydrophobic Rayon Sealing Film Medical Grade Adhesive with End Tabs  Recommended for cell and tissue culture applications where gas exchange is necessary for cell or bacterial growth.	Aluminium Sealing Foil Partial-width End-Tab with No Perforations  Ideal for most PCR and storage applications.	Aluminium Sealing Foil Full-width End Tab with No Perforations  High performance low temperature adhesive at -80°C.	EVA Mat for Sealing 96-round Deepwell Microplates	Silicone Mat for Sealing 96-round Assay Plates	EVA Mat for Sealing 24-square Deepwell riplate®	EVA Mat for Sealing 48-square Deepwell riplate®
SEA-LPLT-GXS	SEA-LPLT-F96	SEA-LPFC-100	DT850277	MAT-WP-96RD	43001-0070	43001-0069
100	100	100	20	50	20	20
40.00	32.00	40.00	28.00	120.00	35.00	35.00
-20°C to +80°C	-40°C to +150°C	-80°C to +130°C	-85°C to +77°C	-80°C to +121°C	-85°C to +77°C	-85°C to +77°C
114µm	38µm	38µm				
	✓	✓		✓		
✓	✓	✓	✓		✓	✓
	✓					
			✓	✓	✓	✓
	✓			✓		
	✓	✓				
✓						
	✓	✓				
	✓	✓	✓	✓	✓	✓

**58-61,64 Storage Plates**

# Multiwell Plates, PCR and Sealing

## Sealing Mats

- Protection in applications involving aggressive solvents and ideal for long term storage.
- Silicone versions incorporate a 'scored' area for puncturing by a needle. Once punctured, they can reseal an airtight seal to the well.

MATS					LID
Assay/Storage			PCR		
					
EVA Mat for Sealing 96-square Deepwell Microplates	Silicone Mat for Sealing 96-square Deepwell Microplates	Silicone Mat for Sealing 384-square well Microplates	Silicone Sealing Mat for use with 96-well PCR Plates	Silicone Sealing Mat for use with 384-well PCR Plates	Clear, Rigid, Polystyrene Lid for Storage of 96. Use only for general storage
DT850317	MAT-WP-96SQ	MAT-WP-384-SQ	MAT-PCR-96	MAT-PCR-384	MICR-LID
100	50	50	50	50	100
125.00	120.00	120.00	120.00	120.00	46.00
-85°C to +77°C	-80°C to +121°C	-80°C to +121°C	-80°C to +121°C	-80°C to +121°C	
	✓		✓	✓	
✓	✓	✓	✓	✓	
			✓	✓	
✓	✓	✓	✓	✓	✓
	✓	✓	✓	✓	
					✓
✓	✓	✓	✓	✓	

## PCR & Sealing Accessories

### PCR Workstations

For use with Tubes and Strips.



- 2 versions available, 1 in polypropylene and 1 in polystyrene
- Alphanumeric numbering along the top edge
- One-way fitting lid slides off / on easily
- Can be used with ice
- Each rack can interconnect with a multichannel pipette reservoir

#### PCR Workstations

CATALOGUE NUMBER	DESCRIPTION	UNIT QTY	UNIT PRICE (£)
175-THER-002	Workstation, clear polystyrene, for PCR strips / tubes, lid	5	34.00
175-THER-004	Workstation, polypropylene, for PCR strips / tubes, lid	5	36.00

### Sealing Roller

Essential tool for sealing foils, films and mats. Assures a secure and uniform seal across the whole plate surface on 96, 384 and 1536 plates.

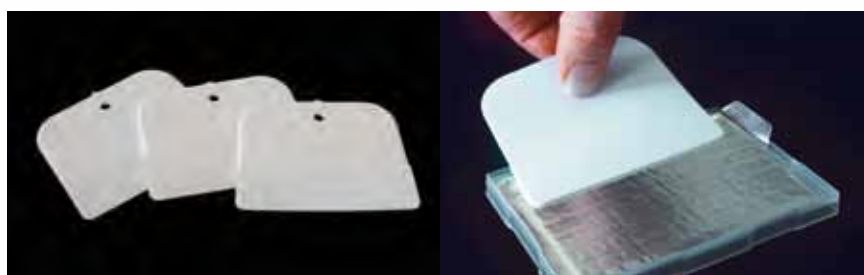


#### Sealing Roller

CATALOGUE NUMBER	DESCRIPTION	UNIT QTY	UNIT PRICE (£)
SEA-LROL-LER	Plate Roller	Each	21.00

### Elkay Sealing Paddle

Handy and cost effective alternative to the plate roller. Recommended for sealing film and foil on raised-rim plates as they fit within the width of the plate.



#### Elkay Sealing Paddle

CATALOGUE NUMBER	DESCRIPTION	UNIT QTY	UNIT PRICE (£)
SEA-LPAD-DLE	Sealing Paddle	pk5	21.00