## Multiwell Plates, PCR & Sealing

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</table>
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 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

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

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

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RECOMMENDED USES

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<tr>
<th></th>
<th>General Storage</th>
<th>HTS</th>
<th>Compound Storage/Libraries</th>
<th>Combinatorial Chemistry</th>
<th>Reference Libraries</th>
<th>Assay Preparation</th>
<th>Blood Banks</th>
<th>Other: Microbiology Virology Centrifugal Protocols ELISA’s</th>
<th>Screening Culturing Assays</th>
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<td>Microbiology Virology Centrifugal Protocols ELISA’s</td>
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SEALING OPTIONS (for Pricing see pages 61-63)

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<td>SEA-LPLT-F96</td>
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<td>SEA-LPLT-F96</td>
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</tbody>
</table>

* 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 well design
• Ideal for applications such as compound storage, reference labs, blood banks etc.

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<td>riplate® Plus</td>
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<td>Yes</td>
<td>Yes</td>
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<td>Pre-assay dilutions</td>
<td>Water Based PCR protocols</td>
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<tr>
<td>Storage / transport of samples</td>
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<td>Water Based PCR protocols</td>
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<td>Sea-LPLT-GSX</td>
<td>Sea-LPLT-GSX</td>
<td>Sea-LPLT-GSX</td>
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<td>Sea-LPLT-F96</td>
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<tr>
<td>MAT-WP-96RD</td>
<td>DT850277*</td>
<td>DT850277*</td>
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</tbody>
</table>
Multiwell Plates, PCR and Sealing

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)

<table>
<thead>
<tr>
<th>CATALOGUE NUMBER</th>
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<th>PRICE (£)</th>
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<td>STRP-008</td>
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<td>STRP-ST8</td>
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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

<table>
<thead>
<tr>
<th>Product Details</th>
<th>Hitplate™ 96 x 1.2ml Polypropylene Racked, Removeable Tubes with Cover Natural</th>
<th>Hitplate™ 1.2ml Individual Polypropylene Tubes Natural</th>
<th>Hitplate™ Empty Rack with Cover Natural</th>
<th>Hitplate™ 96 x 1.2ml Polypropylene Racked, Removeable Tubes with Retaining Frame and Cover Natural</th>
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<tr>
<td>Additional Information</td>
<td>Good for organised and secure sample storage.</td>
<td>Enables reuse of the Hitplate™ rack. Useful for pre-assay dilutions (e.g. ELISAs, etc.). Compatible with some sample processors.</td>
<td>For use with individual Hitplate™ tubes. Retaining frame secures tubes for use with robotics. Can decant tubes whilst in a racked format.</td>
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</table>

<table>
<thead>
<tr>
<th>Product Details</th>
<th>Hitplate™ 96 x 1.2ml Polypropylene Racked, Alphanumeric Printed Tubes and Cover Natural</th>
<th>Hitplate™ 96 x 1.2ml Polypropylene Racked, Alphanumeric Printed Tubes with Retaining Frame and Cover Natural</th>
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<td>Additional Information</td>
<td>Alphanumeric printing helps identify placement of individual tubes if removed.</td>
<td>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.</td>
<td>For use with 605100, 605300, 605400 and 605500</td>
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</table>
Multiwell Plates, PCR and Sealing

Automation Compatible Reagent Rezeervoir™

- 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

<table>
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<th>Product Details</th>
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<th>Low Profile Single Well Reagent Reservoir with 96 ‘Pools’</th>
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<td>Maximum Fill Volume</td>
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<td>86ml</td>
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<td>Maximum ‘Pool’/Column Volume</td>
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<td>CATALOGUE NUMBER</td>
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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

<table>
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<tr>
<th>Low Profile Single Well Reagent Reservoir with 384 'Pools'</th>
<th>Low Profile Reagent Reservoir with 8 Trough Rows</th>
<th>Low Profile Reagent Reservoir with 12 Column Partitions</th>
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<tbody>
<tr>
<td>Pool 92ml 7µl RES-38SW-025 25 147.00</td>
<td>Trough 32ml 4ml RES-08SW-025 25 147.00</td>
<td>Partition 21ml 1.75ml RES-12SW-025 25 147.00</td>
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<thead>
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<th>High Profile Single Well Reagent Reservoir with 384 'Pools'</th>
<th>High Profile Reagent Reservoir with 8 Row Partitions</th>
<th>High Profile Reagent Reservoir with 12 Column Partitions</th>
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</thead>
<tbody>
<tr>
<td>Pool 282ml 7µl RES-38DW-025 25 147.00</td>
<td>Partition 256ml 32ml RES-08DW-025 25 147.00</td>
<td>Partition 252ml 21ml RES-12DW-025 25 147.00</td>
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</table>
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

<table>
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<tr>
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<tr>
<td></td>
<td>24 x 10ml 'V' Shaped Well Natural</td>
<td>48 x 5ml 'V' Shaped Well Natural</td>
<td>384 x 0.12ml Square Shallow Well Natural</td>
<td>384 x 0.24ml Square Deep Well Natural</td>
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<tr>
<td>Maximum Well Volume (ml)</td>
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<td>Yes</td>
<td>Yes</td>
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</table>

RECOMMENDED USES

- General Storage      ✓ ✓ ✓ ✓
- HTS                   ✓ ✓ ✓ ✓
- Compound Storage/Libraries ✓ ✓
- Combinatorial Chemistry ✓ ✓
- Reference Libraries   ✓ ✓ ✓ ✓
- Assay Preparation     ✓ ✓
- Blood Banks
- Other:

SEALING OPTIONS

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<tr>
<th>Film</th>
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* Recommended sealing option for general use
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

<table>
<thead>
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<th>Product Details</th>
<th>0.2ml Thin-walled Polypropylene Tube with Integral Flat Cap</th>
<th>0.2ml Thin-walled Polypropylene Tube with Integral Flat Cap</th>
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<tr>
<td>Unit Qty</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>29.00</td>
<td>29.00</td>
<td>29.00</td>
</tr>
</tbody>
</table>

Individual PCR Tubes - 0.2ml Domed

<table>
<thead>
<tr>
<th>Product Details</th>
<th>0.2ml Thin-walled Polypropylene Tube with Integral Domed Cap</th>
<th>0.2ml Thin-walled Polypropylene Tube with Integral Domed Cap</th>
<th>0.2ml Thin-walled Polypropylene Tube with Integral Domed Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>NATURAL</td>
<td>RED</td>
<td>YELLOW</td>
</tr>
<tr>
<td>CATALOGUE NUMBER</td>
<td>THER-02N</td>
<td>THER-02R</td>
<td>THER-02Y</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>1000</td>
<td>1000</td>
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</tr>
<tr>
<td>Unit Price (£)</td>
<td>29.00</td>
<td>29.00</td>
<td>29.00</td>
</tr>
</tbody>
</table>

Individual PCR Tubes - 0.5ml Flat

<table>
<thead>
<tr>
<th>Product Details</th>
<th>0.5ml Thin-walled Polypropylene Tube with Integral Flat Cap</th>
<th>0.5ml Thin-walled Polypropylene Tube with Integral Flat Cap</th>
<th>0.5ml Thin-walled Polypropylene Tube with Integral Flat Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>NATURAL</td>
<td>RED</td>
<td>YELLOW</td>
</tr>
<tr>
<td>CATALOGUE NUMBER</td>
<td>THER-05NX</td>
<td>THER-05R</td>
<td>THER-05Y</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>1000</td>
<td>1000</td>
<td>1000</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>28.00</td>
<td>28.00</td>
<td>28.00</td>
</tr>
</tbody>
</table>
### 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

---

#### Product Details

<table>
<thead>
<tr>
<th>Description</th>
<th>CATALOGUE NUMBER</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Row of TUBES only - NO CAPS Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes NATURAL</td>
<td>THER-08N</td>
<td>2 x 125</td>
<td>130.00</td>
</tr>
<tr>
<td>Row of CAPS only - NO TUBES Strip of 8 x Domed Microcaps</td>
<td>THER-ST8</td>
<td>2 x 125</td>
<td>29.00</td>
</tr>
<tr>
<td>Strip of 8 x Flat, Optically Clear Microcaps</td>
<td>THER-ST8F</td>
<td>2 x 125</td>
<td>30.00</td>
</tr>
</tbody>
</table>

---

#### Product Details

<table>
<thead>
<tr>
<th>Description</th>
<th>CATALOGUE NUMBER</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Domed ‘Clapperboard’ Style Hinged Caps NATURAL</td>
<td>THER-266</td>
<td>2 x 125</td>
<td>150.00</td>
</tr>
<tr>
<td>Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Integral Hinged, FLAT, Pierceable Caps NATURAL</td>
<td>THER-ABN</td>
<td>2 x 125</td>
<td>165.00</td>
</tr>
<tr>
<td>Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Integral Hinged, FLAT, Pierceable Caps RED</td>
<td>THER-ABR</td>
<td>2 x 125</td>
<td>165.00</td>
</tr>
</tbody>
</table>

---

#### Product Details

<table>
<thead>
<tr>
<th>Description</th>
<th>CATALOGUE NUMBER</th>
<th>Unit Qty</th>
<th>Unit Price (£)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Integral Hinged, FLAT, Pierceable Caps YELLOW</td>
<td>THER-ABY</td>
<td>2 x 125</td>
<td>165.00</td>
</tr>
<tr>
<td>Microstrip of 8 x 0.2ml Thin-walled Polypropylene Tubes with Integral Hinged, DOMED, Pierceable Caps NATURAL</td>
<td>THER-ABND</td>
<td>2 x 125</td>
<td>165.00</td>
</tr>
</tbody>
</table>
## PCR Plates

<table>
<thead>
<tr>
<th>Plate Details</th>
<th>96-well</th>
<th>96-well</th>
<th>96-well</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.2ml Polypropylene</td>
<td>0.2ml Polypropylene</td>
<td>0.2ml Polypropylene</td>
<td></td>
</tr>
<tr>
<td>Non-skirted</td>
<td>Skirted</td>
<td>Half-skirted</td>
<td></td>
</tr>
<tr>
<td>Natural</td>
<td>Natural</td>
<td>Natural</td>
<td></td>
</tr>
<tr>
<td>Standard thermal cycling plate. Good compatibility with most cyclers.</td>
<td>Standard thermal cycling plate. Good compatibility with most cyclers and sequencers.</td>
<td>Developed to fit ABI sequencers.</td>
<td></td>
</tr>
</tbody>
</table>

### CATALOGUE NUMBER

<table>
<thead>
<tr>
<th></th>
<th>THER-FA1</th>
<th>THER-FA3L</th>
<th>THER-FA7</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit Qty</td>
<td>25</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>59.00</td>
<td>110.00</td>
<td>120.00</td>
</tr>
<tr>
<td>Maximum Volume/Well</td>
<td>340µl</td>
<td>240µl</td>
<td>340µl</td>
</tr>
<tr>
<td>Working Volume/Well</td>
<td>200µl</td>
<td>200µl</td>
<td>200µl</td>
</tr>
<tr>
<td>Working Volume/Well With Sealing Mat</td>
<td>220µl</td>
<td>140µl</td>
<td>240µl</td>
</tr>
</tbody>
</table>

### INSTRUMENT COMPATIBILITY

#### Thermal Cyclers

- Applied Biosystems (not 9800)
- Biometra
- BioRad
- Eppendorf
- MJ Research
- MWG
- Stratagene
- Techne
- Biometra (not Uno II)
- MJ Research
- MWG
- Stratagene
- Techne
- Biometra
- MJ Research
- MWG
- Stratagene
- Techne
- Applied Biosystems (not 9800)
- Biometra
- BioRad
- Eppendorf
- MJ Research
- MWG
- Stratagene
- Techne
- Applied Biosystems

#### RT-PCR Thermal Cyclers

- Applied Biosystems
- Biorad
- Eppendorf
- MJ Research
- Stratagene Mx3000
- Techne
- Applied Biosystems

#### Sequencers

- Applied Biosystems
- Applied Biosystems
- Amersham MegaBACE 500
- MJ Research
- Transgenomic
- Applied Biosystems

### SEALING RECOMMENDATIONS (for Pricing see pages 63-65)

<table>
<thead>
<tr>
<th></th>
<th>Film</th>
<th>Q-PCR</th>
<th>Aluminium Foil</th>
<th>Silicone Mats</th>
<th>Other Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCR</td>
<td>SEA-LPLT-FP2</td>
<td>SEA-LPLT-FP2</td>
<td>SEA-LPLT-FP2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Q-PCR</td>
<td>SEA-LPTS-RT2</td>
<td>SEA-LPTS-RT2</td>
<td>SEA-LPTS-RT2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aluminium Foil</td>
<td>SEA-LPLT-F96</td>
<td>SEA-LPLT-F96</td>
<td>SEA-LPLT-F96</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Silicone Mats</td>
<td>MAT-PCR-96</td>
<td>MAT-PCR-96</td>
<td>MAT-PCR-96</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other Information</td>
<td>Other plate colours available at no additional cost: THER-FA6L (blue) THER-FAGR (green) THER-FAID (red) THER-FAYL (yellow)</td>
<td>Other plate colours available, please enquire.</td>
<td>Other plate colours available, please enquire.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Plates are certified DNase, RNase and DNA free.
## PCR Plates

<table>
<thead>
<tr>
<th>Plate Type</th>
<th>Description</th>
<th>Volume Options</th>
<th>Applied Biosystems</th>
<th>Applied Biosystems</th>
<th>Biomebra</th>
<th>Eppendorf</th>
<th>ThermosHybaid</th>
<th>MJ Research</th>
<th>MWG</th>
<th>Techne</th>
<th>Applied Biosystems</th>
<th>Applied Biosystems</th>
<th>Biometra</th>
<th>Eppendorf</th>
<th>ThermosHybaid</th>
<th>MJ Research</th>
<th>MWG</th>
<th>Techne</th>
<th>Biometra</th>
<th>Eppendorf</th>
<th>ThermosHybaid</th>
<th>MJ Research</th>
<th>MWG</th>
<th>Techne</th>
</tr>
</thead>
<tbody>
<tr>
<td>96-well</td>
<td>0.2ml Polypropylene</td>
<td>Half-skirted</td>
<td>Natural</td>
<td>Standard thermal cycling plate.</td>
<td>30µl</td>
<td>50µl</td>
<td>125.00</td>
<td>50</td>
<td>149.00</td>
<td>15.00</td>
<td>80.00</td>
<td>155.00</td>
<td>300µl</td>
<td>50µl</td>
<td>200µl</td>
<td>50µl</td>
<td>140µl</td>
<td>40µl</td>
<td>260µl</td>
<td>250µl</td>
<td>140µl</td>
<td>40µl</td>
<td>260µl</td>
<td>250µl</td>
</tr>
<tr>
<td>96-well</td>
<td>0.2ml Polypropylene</td>
<td>Non-skirted</td>
<td>Natural</td>
<td>Elevated Wells</td>
<td>30µl</td>
<td>50µl</td>
<td>125.00</td>
<td>50</td>
<td>149.00</td>
<td>15.00</td>
<td>80.00</td>
<td>155.00</td>
<td>300µl</td>
<td>50µl</td>
<td>200µl</td>
<td>50µl</td>
<td>140µl</td>
<td>40µl</td>
<td>260µl</td>
<td>250µl</td>
<td>140µl</td>
<td>40µl</td>
<td>260µl</td>
<td>250µl</td>
</tr>
<tr>
<td>96-well</td>
<td>0.2ml Polypropylene</td>
<td>Half-skirted</td>
<td>Natural</td>
<td>Elevated Wells</td>
<td>30µl</td>
<td>50µl</td>
<td>125.00</td>
<td>50</td>
<td>149.00</td>
<td>15.00</td>
<td>80.00</td>
<td>155.00</td>
<td>300µl</td>
<td>50µl</td>
<td>200µl</td>
<td>50µl</td>
<td>140µl</td>
<td>40µl</td>
<td>260µl</td>
<td>250µl</td>
<td>140µl</td>
<td>40µl</td>
<td>260µl</td>
<td>250µl</td>
</tr>
<tr>
<td>384-well</td>
<td>Polypropylene</td>
<td>Skirted</td>
<td>Natural</td>
<td>Standard 384-well low volume thermal cycling plate.</td>
<td>335µl</td>
<td>340µl</td>
<td>240µl</td>
<td>55µl</td>
<td>320µl</td>
<td>300µl</td>
<td>205µl</td>
<td>50µl</td>
<td>280µl</td>
<td>250µl</td>
<td>140µl</td>
<td>40µl</td>
<td>250µl</td>
<td>200µl</td>
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<td>40µl</td>
<td>250µl</td>
<td>200µl</td>
<td>140µl</td>
<td>40µl</td>
</tr>
</tbody>
</table>

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

Ultra-thin polypropylene wells for high-performance PCR reactions

Rigid polycarbonate frame provides extra handling stability and an ideal surface for sealing

Available in full, half or un-skirted versions for maximum cycler/sequencer compatibility

Automation ready with 8 grip locations and SBS/ANSI compatible footprint

riplate PCR Plates

<table>
<thead>
<tr>
<th>Frame Colour</th>
<th>Natural</th>
<th>Blue</th>
<th>Green</th>
<th>White</th>
<th>Yellow</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well Colour</td>
<td>Natural</td>
<td>Natural</td>
<td>Natural</td>
<td>White</td>
<td>Black</td>
</tr>
<tr>
<td>FULL-SKIRTED, 150µL</td>
<td>43001-0076</td>
<td>43001-0082</td>
<td>43001-0085</td>
<td>43001-0091</td>
<td>43001-0087</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>25</td>
<td>25</td>
<td>25</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>72.00</td>
<td>72.00</td>
<td>72.00</td>
<td>72.00</td>
<td>72.00</td>
</tr>
<tr>
<td>HALF-SKIRTED, 200µL</td>
<td>43003-0000</td>
<td>43003-0001</td>
<td>43003-0004</td>
<td>43003-0005</td>
<td>-</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>25</td>
<td>25</td>
<td>25</td>
<td>25</td>
<td>-</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>72.00</td>
<td>72.00</td>
<td>72.00</td>
<td>72.00</td>
<td>-</td>
</tr>
</tbody>
</table>

Well Volume

<table>
<thead>
<tr>
<th>Well Volume</th>
<th>150µL</th>
<th>200µL</th>
</tr>
</thead>
<tbody>
<tr>
<td>riplate PCR REFILL (without frame, natural only)</td>
<td>43001-0078</td>
<td>43003-0078</td>
</tr>
<tr>
<td>Unit Qty</td>
<td>25</td>
<td>25</td>
</tr>
<tr>
<td>Unit Price (£)</td>
<td>62.00</td>
<td>62.00</td>
</tr>
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</table>
## Multiwell Plates, PCR and Sealing

### 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.

<table>
<thead>
<tr>
<th>FILMS</th>
<th>General</th>
<th>PCR</th>
<th>RT-PCR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bio-inert Polyester Sealing Film with Perforated End Tabs.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sterile Bio-inert Polyester Sealing Film with Perforated End Tabs.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polypropylene Sealing Film with Perforated End Tabs.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Optically Clear Polyester Sealing Film Medical Grade, Non-fluorescing Adhesive.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Product Details
- Bio-inert Polyester
- Sterile Bio-inert Polyester
- Polypropylene
- Optically Clear Polyester

### CATALOGUE NUMBER
- SEA-LPLT-100
- SEA-LPLT-STR
- SEA-LPLT-PP2
- SEA-LPTS-RT2
- SEA-LPTS-RT5

### Unit Qty
- 100
- 100
- 100
- 100
- 100

### Unit Price (£)
- 26.50
- 42.00
- 39.00
- 85.00
- 89.00

### Temperature Range
- -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

### Thickness
- 50µm
- 50µm
- 50µm
- 50µm
- 125µm

### DNase/RNase Free
- ✓
- ✓
- ✓
- ✓
- ✓

### COMPATIBILITY
- Pierceable
- PCR
- Q-PCR
- Short-term Storage
- Archiving
- Autoclavable
- DMSO Resistant (testing suggested)
- ELISA
- Gas Exchange
- Light Sensitive Samples
- Ultracold Storage

---

### qPCR Compatible Caps and Microstrips

---

### Contact Information

tel: 01256 811118
fax: 01256 811116

---

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.

### Product Details
- Bio-inert Polyester
- Sterile Bio-inert Polyester
- Polypropylene
- Optically Clear Polyester

### CATALOGUE NUMBER
- SEA-LPLT-100
- SEA-LPLT-STR
- SEA-LPLT-PP2
- SEA-LPTS-RT2
- SEA-LPTS-RT5

### Unit Qty
- 100
- 100
- 100
- 100
- 100

### Unit Price (£)
- 26.50
- 42.00
- 39.00
- 85.00
- 89.00

### Temperature Range
- -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

### Thickness
- 50µm
- 50µm
- 50µm
- 50µm
- 125µm

### DNase/RNase Free
- ✓
- ✓
- ✓
- ✓
- ✓

### COMPATIBILITY
- Pierceable
- PCR
- Q-PCR
- Short-term Storage
- Archiving
- Autoclavable
- DMSO Resistant (testing suggested)
- ELISA
- Gas Exchange
- Light Sensitive Samples
- Ultracold Storage

---

### qPCR Compatible Caps and Microstrips

---

### Contact Information

tel: 01256 811118
fax: 01256 811116

---
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.

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

<table>
<thead>
<tr>
<th>MATS</th>
<th>Assay/Storage</th>
<th>PCR</th>
<th>LID</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVA Mat for Sealing 96-square Deepwell Microplates</td>
<td>Silicone Mat for Sealing 96-square Deepwell Microplates</td>
<td>Silicone Mat for Sealing 384-square well Microplates</td>
<td>Silicone Sealing Mat for use with 96-well PCR Plates</td>
</tr>
<tr>
<td>DTB0317</td>
<td>MAT-WP-96SQ</td>
<td>MAT-WP-384-SQ</td>
<td>MAT-PCR-96</td>
</tr>
<tr>
<td>100</td>
<td>50</td>
<td>50</td>
<td>50</td>
</tr>
<tr>
<td>125.00</td>
<td>120.00</td>
<td>120.00</td>
<td>120.00</td>
</tr>
<tr>
<td>-85°C to +77°C</td>
<td>-80°C to +121°C</td>
<td>-80°C to +121°C</td>
<td>-80°C to +121°C</td>
</tr>
<tr>
<td>✓</td>
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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

<table>
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<tr>
<th>CATALOGUE NUMBER</th>
<th>DESCRIPTION</th>
<th>UNIT QTY</th>
<th>UNIT PRICE (£)</th>
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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.

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.

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<th>UNIT PRICE (£)</th>
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