



Alpha Laboratories offers a wide range of high-grade laboratory consumables for use in PCR applications.

This range includes quality products specifically designed for optimal performance in quantitative PCR (qPCR), with tubes, plates, and a choice of optically clear caps or sealing films.

VERSATILE TUBE STRIPS AND CAPS

Our qPCR tubes are designed with flat, optically clear lids to minimise background signal during real-time PCR.

A variety of tube closure formats are available for your choosing:

- Separate strip of caps
- Attached hinged strip of caps
- Individually attached caps

For enhanced performance, white well tubes are available, offering improved reflection of fluorescence signal.

qPCR ESSENTIALS

Tubes and caps for qPCR

| Product Code | Description | Pack Size |
|--------------|--|-----------|
| LW2520 | 0.2ml 8-Strip tubes, Without Caps | 125 |
| LW2141 | 0.2ml 8-Strip Caps, Optically Clear | 125 |
| LW2161 | 0.2ml Thin Wall Tubes 12-Strip Natural | 80 |
| LW2525 | 0.2ml 12-Strip Flat Optical Caps | 80 |
| LW2535 | 0.2ml 8-Strip Tubes & Sep Optical Caps | 125 |
| LW2560 | 0.2ml 8-Strip Tube & Hinged Cap | 125 |
| LW2505 | 0.2ml 8-Strip Tubes & Ind Flat Caps | 120 |
| LW2575 | 0.2ml 8-Strip Tube Ind Optical Cap White | 120 |
| LW2570* | 0.2ml 8-Strip Tube & Individual Cap* | 120 |
| LW2580 | 0.1ml LP 8-Strip Tubes, Ind Flat Cap | 120 |
| LW2585 | 0.1ml LP 8-Strip Tubes, Ind Flat Cap White Low-profile | 120 |

*Assorted colours available

PREMIUM PCR MICROPLATES

Our white well PCR plates, available in 96- and 384- well formats, are designed for enhanced fluorescence reflection – all whilst maintaining optimal heat transfer and reaction efficiency.

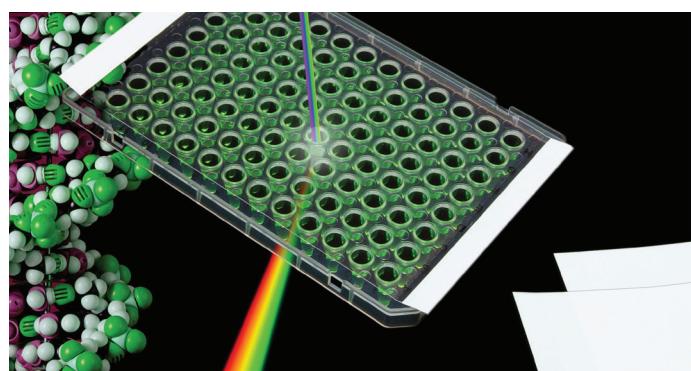
These plates are:

- α Certified free of detectable DNase, RNase, DNA, PCR inhibitors
- α Tested free of pyrogens
- α Manufactured from high-clarity, ultra-pure polypropylene
- α Available in unskirted, semi-skirted and skirted formats



qPCR Microplates

| Product Code | Description | Pack Size |
|--------------|--|-----------|
| LW2200W | 96 Well Unskirted PCR Plate, White | 10x10 |
| LW2203W | 96 Well Unskirted LP White PCR Plate | 20x5 |
| LW2230W | 96 Well Semi-Skirted LP PCR Plate, White | 10x10 |
| LW2230W-10 | 96 Well Semi-Skirted LP PCR Plate, White | 10 |
| LW2230W-BAR | 96 Well Semi-Sk LP PCR Plate, White, Barcoded | 10x10 |
| LW2214W | 96 Well Semi-Skirt FAST White PCR Plate | 10x10 |
| LW2215W | 96 Well Semi-Sk Straight Side White PCR Plate | 10x10 |
| LW2216W | 96 Well Skirted PCR Plate, White | 10x10 |
| LW2241W | 96-Well Fully-Skirted Dual Polymer H1 Notch Amplify Rigid PCR Plates Clear - White Wells | 10 |
| LW2241W-BAR | 96-Well Fully-Skirted H1 Notch Amplify Rigid PCR Plates Clear-White Wells Barcode | 10 |
| LW2220W | 384 Well Skirted PCR Plate, White | 10x10 |
| LW2225W | 384 Well Skirted PCR Plate White cut corner A24 Well | 10x10 |
| LW2922W | 384 Well Skirted Opaque White PCR Plate | 10x10 |
| LW2261W | 384-well Fully-Skirted Dual Polymer A24 Notch Amplify Rigid PCR Plates Clear-White Wells | 10 |
| LW2261W-BAR | 384-well Fully-Skirted A24 Notch Amplify Rigid PCR Plates Clear -White Wells Barcode | 10 |



HIGH-PERFORMANCE PLATE SEALING

We offer a range of specialised sealing films that are perfectly suited for use in real-time qPCR and on-going sample storage, with a choice of adhesive or heat-sealing options.

Our ThermalSeal films combine a medical grade, non-absorbing and non-fluorescing adhesive with a thin, optically transparent polyester/polyolefin film.

Alternatively, for heat-sealed protection we offer optically clear ClearASeal films. Choose ClearASeal Peel when you need a peelable film option for sample retrieval; or for a permanent closure ClearASeal Weld for maximum containment of hazardous material.

qPCR Plate Sealing

| Product Code | Description | Pack Size |
|---------------|---|-----------|
| LW2724 | ThermalSeal RTS 65m roll for Automation | Each |
| LW2786 | ThermalSeal RT2 Sheets | 100 |
| LW2789 | ThermalSeal RTS Sealing Film | 25 |
| LW2790 | ThermalSeal RTS Sealing Film | 100 |
| LW2791 | ThermalSeal RTS Sealing Film Sterile | 50 |
| TS-RT2RR-100 | ThermalSeal RT2RR, Raised Rim | 100 |
| IST-101-078LR | ClearASeal Peel Heat Seal Roll | Roll |
| IST-101-078LS | ClearASeal Peel Heat Seal Sheets | 100 |
| IST-102-078LR | ClearASeal Weld Heat Seal Roll | Roll |
| IST-102-078LS | ClearASeal Weld Heat Seal Sheets | 100 |

Visit our website to find out more: www.alphalabs.co.uk/qPCR

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