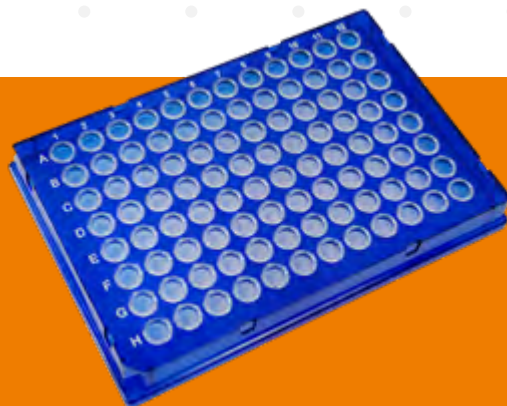


# Rigid frame PCR plates.

**NEW!**

## SEAMLESS INTEGRATION WITH YOUR AUTOMATED SYSTEMS

Elevate your automated PCR procedures with Starlab's rigid frame plates, that are optimised for precision and reliability. The durable polycarbonate frame provides a stable, flat surface, which can withstand the firm grip of robotic arms, ensuring precise placement and eliminating any risk of misalignment.



- Engineered for high precision robotics handling
- SBS footprint and well spacing provides seamless integration with your automated systems
- Rigid polycarbonate frame provides a solid, flat surface for robotic arm grip
- Ultra-thin, uniform wells ensure optimal heat transfer and high reaction efficiency
- Well ridges help prevent sample evaporation when sealed with films, foils or cap strips, guaranteeing the integrity of your results
- Supplied in convenient, resealable bags to minimise contamination risk
- Certified free of RNase, DNase, DNA & PCR Inhibitors



Plates available with natural or blue frames

| Frame Colour | Well Colour | Cut Corner | Approx. Max. Well Capacity | Pack Size | Article No. |
|--------------|-------------|------------|----------------------------|-----------|-------------|
|--------------|-------------|------------|----------------------------|-----------|-------------|

### 96-Well, Semi-Skirted



|         |         |     |        |    |                   |
|---------|---------|-----|--------|----|-------------------|
| Natural | Natural | A12 | 300 µl | 10 | <b>E1404-0200</b> |
|---------|---------|-----|--------|----|-------------------|



|      |         |     |        |    |                   |
|------|---------|-----|--------|----|-------------------|
| Blue | Natural | A12 | 300 µl | 10 | <b>E1404-0201</b> |
|------|---------|-----|--------|----|-------------------|

### 96-Well, Skirted, Low Profile



|         |         |    |        |    |                   |
|---------|---------|----|--------|----|-------------------|
| Natural | Natural | H1 | 200 µl | 10 | <b>E1404-0100</b> |
|---------|---------|----|--------|----|-------------------|



|      |         |    |        |    |                   |
|------|---------|----|--------|----|-------------------|
| Blue | Natural | H1 | 200 µl | 10 | <b>E1404-0101</b> |
|------|---------|----|--------|----|-------------------|

### 384-Well, Skirted



|         |         |     |       |    |                   |
|---------|---------|-----|-------|----|-------------------|
| Natural | Natural | A24 | 40 µl | 10 | <b>E1404-0300</b> |
|---------|---------|-----|-------|----|-------------------|



|      |         |     |       |    |                   |
|------|---------|-----|-------|----|-------------------|
| Blue | Natural | A24 | 40 µl | 10 | <b>E1404-0301</b> |
|------|---------|-----|-------|----|-------------------|

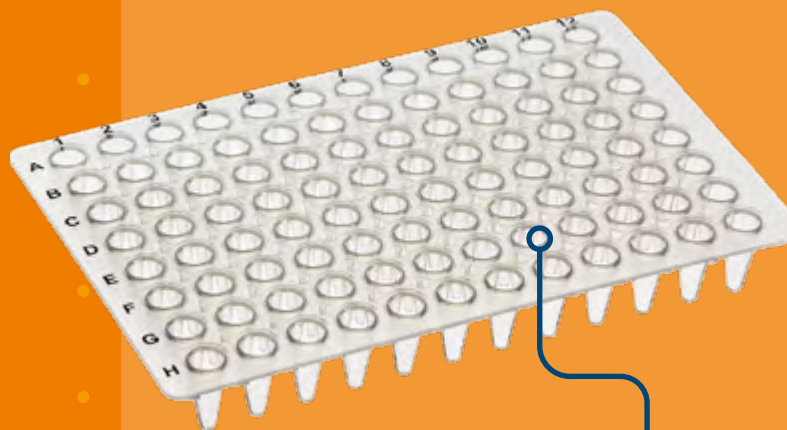
[starlab.click/rigid-frame-pcr-plates](https://starlab.click/rigid-frame-pcr-plates)

# Non-skirted PCR plates.

## UNIVERSAL FIT!

Starlab's PCR plates are made from medical polypropylene to provide the quality assurance you need. They also offer convenience! The plates have clearly marked wells to provide easy identification and sample tracking, as well as compatibility with a wide range of thermal cyclers.

- Ultra-thin, uniform wells ensure optimal heat transfer and high reaction efficiency
- Highly visible black printed matrix
- Well ridges help prevent sample evaporation when sealed with films, foils or cap strips (excl. B1402-0595)
- Opaque white plates for qPCR show low auto-fluorescence with chemiluminescence detectors
- White plates also increase signal yield
- Supplied in convenient, resealable bags to minimise contamination risk
- Certified free of RNase, DNase, DNA and PCR Inhibitors
- Tested Pyrogen free



E1403-0200

### WALL THICKNESS AND HEAT TRANSFER

PCR protocols with different temperature gradients require fast and uniform heat transfers between the cycler thermoblock and the PCR sample. The ultra-thin and uniform well walls of Starlab's PCR plates ensures optimal heat transfer.



96-Well PCR Plate,  
Non-Skirted, Low-Profile (H12)

### Low-Profile Plate

| Colour  | Pack Size | Article No.                                                                                    |
|---------|-----------|------------------------------------------------------------------------------------------------|
| Natural | 20        | E1403-0200  |
| White   | 20        | E1403-0209  |

 Order by the case (x10 packs).



[starlab.click/pcrplates](https://starlab.click/pcrplates)



96-Well PCR Plate,  
Non-Skirted (A12)

#### Standard Height Plate

| Colour  | Pack Size | Article No.                                                                                         |
|---------|-----------|-----------------------------------------------------------------------------------------------------|
| Natural | 10        | <b>E1403-1200</b>  |
| White   | 10        | <b>E1403-1209</b>  |

#### Cuttable PCR plate

This plate is made to the same specification as the standard height plates above, but is more pliable and can easily be cut into any desired configuration with normal scissors.

#### Standard Height, Cuttable Plate

| Colour  | Pack Size | Article No.                                                                                           |
|---------|-----------|-------------------------------------------------------------------------------------------------------|
| Natural | 10        | <b>E1403-0100</b>  |



#### Plates with Elevated Wells

| Wells    | Colour  | Pack Size | Article No.       |
|----------|---------|-----------|-------------------|
| 96 (H12) | Natural | 10        | <b>E1403-2200</b> |
| 48       | Natural | 20        | <b>E1403-3200</b> |
| 24       | Natural | 40        | <b>E1403-4200</b> |

#### Robbins<sup>®</sup> - Style Plate, Elevated Wells

| Wells   | Colour  | Pack Size | Article No.       |
|---------|---------|-----------|-------------------|
| 96 (A1) | Natural | 10        | <b>B1402-9200</b> |

Moulded matrix.  
Certified RNase, DNase, DNA & Pyrogen free.



96-Well PCR Plate,  
Non-Skirted, Flat Surface (H12)

#### Standard Height Plate

| Colour  | Pack Size | Article No.       |
|---------|-----------|-------------------|
| Natural | 10        | <b>B1402-0595</b> |

Moulded matrix.  
Certified RNase, DNase, DNA & Pyrogen free.

 Order by the case (x10 packs).

#### PLATE CAPACITIES:

Approx. maximum capacity, 96-well plates:

**Low-profile plates:** 200 µl

**Standard height plates:** 350 µl

DOES OUR PLATE FIT YOUR  
CYCLER?

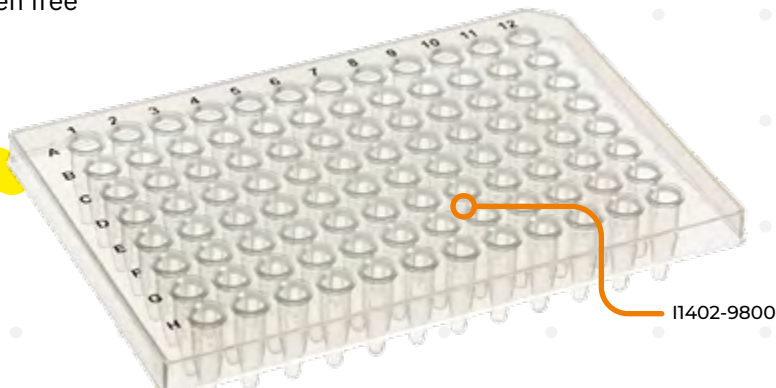
 [starlab.click/pcr-compatibility](https://starlab.click/pcr-compatibility)

# Semi-skirted PCR plates.

## HALF SKIRT. FULL QUALITY

Starlab's PCR plates are made from medical polypropylene to provide the quality assurance you need. More rigid than non-skirted plates, they also offer better handling convenience. The plates have clearly marked wells to provide easy identification and sample tracking, as well as compatibility with a wide range of thermal cyclers.

- Made from medical polypropylene
- Ultra-thin, uniform wells for optimal heat transfer and high reaction efficiency
- Highly visible black printed matrix
- Well ridges help prevent sample evaporation when sealed with films, foils or cap strips
- Opaque white plates for qPCR show low auto-fluorescence with chemiluminescence detectors
- White plates increase signal yield
- Supplied in convenient, resealable bags to minimise contamination risk
- Certified free of RNase, DNase, DNA and PCR Inhibitors
- Tested Pyrogen free



96-Well PCR Plate, Semi-Skirted, Low-Profile (A12)

### Low-Profile Plate

| Colour  | Pack Size | Article No.       |
|---------|-----------|-------------------|
| Natural | 10        | <b>E1403-6200</b> |

Order by the case (x10 packs).



96-Well PCR Plate, Semi-Skirted (A12)

### Standard Height Plate

| Colour              | Pack Size | Article No.       |
|---------------------|-----------|-------------------|
| Natural             | 10        | <b>I1402-9700</b> |
| White               | 10        | <b>I1402-9709</b> |
| Mixed <sup>1)</sup> | 10        | <b>I1402-9799</b> |

<sup>1)</sup> Mixed pack contains: blue, green, red, violet and yellow.

### WALL THICKNESS AND HEAT TRANSFER

PCR protocols with different temperature gradients require fast and uniform heat transfers between the cycler thermoblock and the PCR sample. The ultra-thin and uniform well walls of Starlab's PCR plates ensures optimal heat transfer.

[starlab.click/pcrplates](https://starlab.click/pcrplates)

#### PLATE CAPACITIES:

Approx. maximum capacity, 96-well plates:

**Low-Profile:** 200 µl

**Standard height:** 350 µl



96-Well PCR Plate, Semi-Skirted, Straight Edges (A12)

#### Plate with Straight Edges

| Colour  | Pack Size | Article No. |
|---------|-----------|-------------|
| Natural | 10        | I1402-9800  |
| White   | 10        | I1402-9809  |



96-Well PCR Plate, Semi-Skirted, Low-Profile for Roche LightCycler® (H12)

#### Low-Profile Plate for Roche LightCycler®

| Colour | Pack Size | Article No. |
|--------|-----------|-------------|
| White  | 10        | I1402-9909  |



96-Well PCR Plate, Semi-Skirted, Raised Rim, (A12)

#### TAQMan®-Style Plate

| Colour  | Pack Size | Article No. |
|---------|-----------|-------------|
| Natural | 10        | E1403-8200  |

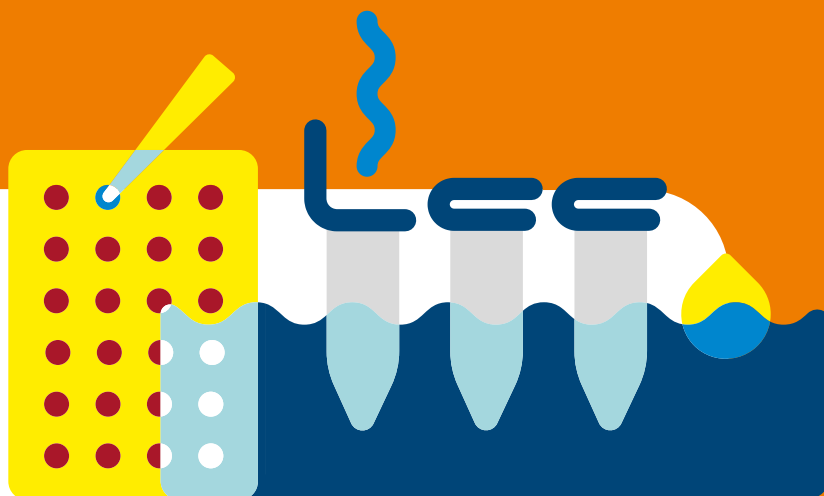


96-Well PCR Plate, Semi-Skirted, Raised Rim, Low-Profile (for FAST® Systems) (A1)

#### Low-Profile Plate for FAST® Systems

| Colour  | Pack Size | Article No. |
|---------|-----------|-------------|
| Natural | 10        | E1403-7700  |
| White   | 10        | E1403-7709  |

Order by the case (x10 packs).



#### DOES OUR PLATE FIT YOUR CYCLER?

[starlab.click/pcr-compatibility](https://starlab.click/pcr-compatibility)

# Skirted PCR plates.

Starlab's PCR plates are made from medical polypropylene to provide the quality assurance you need. Ideal for automation, skirted plates have clearly marked wells to provide easy identification and sample tracking, as well as compatibility with a wide range of thermal cyclers.

- Holes on sides for robotic handling
- Opaque white plates for qPCR show low auto-fluorescence with chemiluminescence detectors
- White plates also increase signal yield
- Supplied in resealable bags to minimise contamination risk
- Certified free of RNase, DNase, DNA and PCR Inhibitors
- Tested Endotoxin-free



## 96-Well PCR Plate, Low-Profile (A12)

### 96-Well, Low-Profile

| Colour  | Pack Size | Article No. |
|---------|-----------|-------------|
| Natural | 10        | E1403-5200  |
| White   | 10        | E1403-5209  |

Black printed matrix.

### PLATE CAPACITIES:

**96-well low-profile plate:** 200 µl

**384-well** stated volumes are approximate.



**384-Well PCR Plate, ABI®/Universal Style, Skirted (A24)**

### ABI®/Universal Style

| Colour  | Pack Size | Article No. |
|---------|-----------|-------------|
| Natural | 10        | E1042-3840  |
| White   | 10        | E1042-3849  |

Black printed matrix.



**384-Well PCR Plate for Roche LightCycler®, Skirted (A24, P24)**

### Roche LightCycler®

| Colour | Pack Size | Article No. |
|--------|-----------|-------------|
| White  | 10        | E1042-9909  |

Black printed matrix.



## 384-Well PCR Plates with Moulded Matrix

### 384-Well Plate, 40 µl (AP24, P24)

| Colour  | Pack Size | Article No. |
|---------|-----------|-------------|
| Natural | 10        | E1042-2500  |

Moulded matrix.

Order by the case (x10 packs).



[starlab.click/pcrplates](https://starlab.click/pcrplates)

# Barcoded PCR plates.



1019723



Images for illustrative purposes only.

## BARCODED PCR PLATES

- Code 128 Barcoding plus human-readable number
- All barcodes seven digits long
- Low, minimum ordering quantity
- Opaque white plates for qPCR show low auto-fluorescence with chemiluminescence detectors. White plates also increase signal yield
- Supplied in convenient, resealable bags to minimise contamination risk
- Certified free of RNase, DNase, DNA & PCR Inhibitors
- Tested Pyrogen free

Starlab's PCR plates are made from medical polypropylene to provide the quality assurance you need. They also offer convenience! Barcoded plates are ideal for automated applications and sample inventory. The plates have clearly marked wells to provide easy identification and sample tracking, as well as compatibility with a wide range of thermal cyclers.

### 96-Well Semi-Skirted Barcoded PCR Plates

| Description (Cut Corner)                                                    | Colour  | Pack Size | Article No.   |
|-----------------------------------------------------------------------------|---------|-----------|---------------|
| 96-Well PCR Plate, Semi-Skirted, Straight Edges, with Barcode (A12)         | Natural | 10x10     | I1402-9800-BC |
| 96-Well PCR Plate, Semi-Skirted, for Roche® Lightcycler, with Barcode (H12) | White   | 10x10     | I1402-9909-BC |
| 96-Well PCR Plate, Semi-Skirted, Raised Rim, with Barcode (A12)             | Natural | 10x10     | E1403-8200-BC |

### 96-Well Skirted Barcoded PCR Plates

| Description (Cut Corner)                                    | Colour  | Pack Size | Article No.   |
|-------------------------------------------------------------|---------|-----------|---------------|
| 96-Well PCR Plate, Skirted, Low-Profile, with Barcode (A12) | Natural | 10x10     | E1403-5200-BC |

### 384-Well Skirted Barcoded PCR Plates

| Description (Cut Corner)                                                   | Colour  | Pack Size | Article No.   |
|----------------------------------------------------------------------------|---------|-----------|---------------|
| 384-Well PCR Plate for Roche Lightcycler®, Skirted, with Barcode (A24/P24) | Natural | 10x10     | E1042-9900-BC |



DOES OUR PLATE FIT YOUR CYCLER?



[starlab.click/pcr-compatibility](https://starlab.click/pcr-compatibility)