

# Standard PCR Plates, Strips & Tubes

## Standard PCR Plates, Strips & Tubes

4titude® offers a wide range of PCR consumables for low to medium throughput applications. Our standard one-piece PCR consumables are manufactured from virgin polypropylene in our Class 7 ISO certified cleanroom production facility, and comply to the same stringent QC requirements as our FrameStar® range (see page 4).

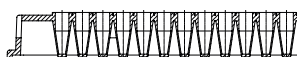
The ultra-thin walled tubes of our standard PCR plates maximise heat transfer and the raised rims facilitate sealing. Our range of plates includes fully skirted, semi-skirted, and non-skirted plates, available in clear or white (for qPCR), with additional colours for non-skirted plates available.

All our PCR consumables are certified free from RNase, DNase, and human genomic DNA. These plates fit most thermal cyclers; for a complete list please see the compatibility table on page 26.

- Cleanroom Injection Moulding - Class 7 ISO Certification  
No contamination and 10 fold lower amount of air particles compared to most PCR plate manufacturers
- Virgin, Medical Grade Polymers  
No leakage of substances which may have a detrimental effect on product purity
- Certified RNase-, DNase-, DNA, and Pyrogen-free  
Inhibitor free consumables
- Ultra-thin and consistent wall thickness  
Fast and precise thermal transfer



## 384 Well Skirted PCR Plate



### Features

- Designed for use on standard 384 well thermal cyclers

### 384 Well Skirted PCR Plate

polypropylene, cut corner A24,  
working volume: <20 µl, total well capacity: 55 µl

Code	Details	Plates/Case
4ti-1384	<input type="checkbox"/> c clear	50
4ti-1387	<input type="checkbox"/> f frosted	50

## 384 Well Skirted PCR Plate, Roche Style



### Features

- Designed for use on the Roche LightCycler® 480 with 384 well block

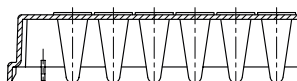
### 384 Well Skirted PCR Plate, Roche Style

white polypropylene, cut corner A24/P24,  
working volume: <20 µl, total well capacity: 55 µl

Code	Details	Plates/Case
4ti-1381	<input type="checkbox"/> w white	50

4titude®'s standard PCR plates, strips and tubes are manufactured from virgin polypropylene in our Class 7 ISO certified cleanroom production facility.

## 96 Well Skirted PCR Plate



### Features

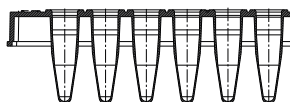
- Universal 96 well skirted plate
- Designed for use on standard thermal cyclers

### 96 Well Skirted PCR Plate

Low profile, 0.1 ml wells, polypropylene, cut corner H1, working volume: <100 µl, total well capacity: 200 µl

Code	Details	Plates/Case
4ti-0740	<input type="checkbox"/> C clear	50
4ti-0741	<input type="checkbox"/> W white	50

## 96 Well Semi-Skirted PCR Plate



### Features

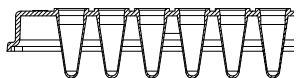
- Universal semi-skirted plate
- Designed for use on standard thermal cyclers

### 96 Well Semi-Skirted PCR Plate

Standard profile, 0.2 ml wells, polypropylene, cut corner A12, working volume: <200 µl, total well capacity: 300 µl

Code	Details	Plates/Case
4ti-0760	<input type="checkbox"/> C clear	50
4ti-0761	<input type="checkbox"/> W white	50

## 96 Well Semi-Skirted PCR Plate, Roche Style



### Features

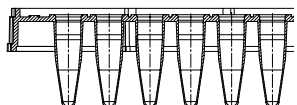
- Designed for use on Roche LightCycler® 480

### 96 Well Semi-Skirted PCR Plate, Roche Style

Low profile, 0.1 ml wells, polypropylene, cut corner H12, working volume: <100 µl, total well capacity: 200 µl

Code	Details	Plates/Case
4ti-0955	<input type="checkbox"/> W white	50

## 96 Well Semi-Skirted PCR Plate, ABI® Style



### Features

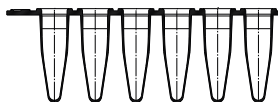
- Designed for use on ABI® thermal cyclers
- Frosted version available for increased qPCR signal intensities
- Deck design is equivalent to ABI plates and therefore can be used as a direct swap out

### 96 Well Semi-Skirted PCR Plate, ABI® Style

Standard profile, 0.2 ml wells, polypropylene, cut corner A12, working volume: <200 µl, total well capacity: 300 µl

Code	Details	Plates/Case
4ti-0735	<input type="checkbox"/> C clear	50
4ti-0736	<input type="checkbox"/> f frosted	50

## 96 Well Non-Skirted PCR Plate



### Features

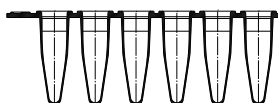
- Universal non-skirted plate
- Designed for use on standard thermal cyclers

### 96 Well Non-Skirted PCR Plate

Standard profile, 0.2 ml wells, polypropylene, cut corner H12, working volume: <200 µl, total well capacity: 300 µl

Code	Details	Plates/Case
4ti-0750	C clear	50
4ti-0750/P	P purple	50
4ti-0750/B	B blue	50
4ti-0750/G	G green	50
4ti-0750/R	R red	50
4ti-0750/W	W white	50
4ti-0750/Y	Y yellow	50

## Non-Skirted PCR Plate Segments



### Features

- 96 Well Non-Skirted PCR Plate (see above) divided into 8 well, 16 well, 24 well, 32 well, or 48 well segments
- Available in 6 colours
- A versatile solution when a whole PCR plate may not be needed

### Non-Skirted PCR Plate Segments

Standard profile, 0.2 ml wells, polypropylene, working volume: <200 µl, total well capacity: 300 µl

Code	Details	Segments/Case
4ti-0750/8	C 1 x 8 well plate segments	600
4ti-0750/16	C 2 x 8 well plate segments	300
4ti-0750/24	C 3 x 8 well plate segments	200
4ti-0750/32	C 4 x 8 well plate segments	150
4ti-0750/48	C 1 x 8 well plate segments	100

Note: Codes of the clear versions are shown above.

For colour options please add the corresponding letter to the product code, e.g. order 4ti-0750/8/P for 8 well plate segments in purple.

P = purple    B = blue    G = green  
R = red        Y = yellow

## 8 Well PCR Tube Strips



### Features

- Suitable for all standard 0.2 ml block thermal cyclers
- Optionally available as a combi pack with strips of 8 domed or flat optical caps

### 8 Well PCR Tube Strips

Standard profile, 0.2 ml wells, clear polypropylene, working volume: <200 µl, total well capacity: 300 µl

Code	Details	Strips/Case
4ti-0781	C clear wells	125

Code Combi Pack	Tube and Cap Strips/Case
4ti-0780	C plus strips of 8 domed caps 125
4ti-0784	C plus strips of 8 flat optical caps 125



### Vari-Strips™ and Vari-Plates™ - PCR tube strips in frames, see page 17

The 4titude® Vari-Strip™ and Vari-Plate™ system offers total flexibility in plate usage. It allows the user to insert or remove strips of 8 tubes from a 96 well plate frame. The low profile Vari-Strips™ can be used as a stand alone product or inserted in one of two Vari-Plate™ frames for ease of handling.

## 8 Well PCR Tube Strips, With Attached Caps



### Features

- The tubes are joined together either by three links (4ti-0792 and 4ti-0793) or by one strong link (4ti-0794) to make the strip more rigid and help reduce any chance of spillage
- Each cap is separately joined to a tube to avoid any possible cross contamination

### 8 Well PCR Tube Strips, With Attached Caps

0.1 ml or 0.2 ml wells, clear polypropylene, with attached domed or flat optically clear caps

Code	Details	Strips/Case
4ti-0792	0.2 ml wells, with flat optical caps	120
4ti-0793	0.1 ml wells, with flat optical caps	120
4ti-0794	0.2 ml wells, with domed caps	120

## 4 Well PCR Tube Strips, Rotor-Gene® Style, With Caps



### Features

- Optically clear strips ideally suited for qPCR
- Frosted cap extensions allow for easy handling and labelling
- Designed for Qiagen/Corbett Rotor-Gene® instruments

### 4 Well PCR Tube Strips, Rotor-Gene® Style, With Caps

0.1 ml wells, clear polypropylene, with strips of 4 caps

Code	Details	Strips/Case
4ti-0796	C clear	250

## Individual PCR Tubes, With Attached Caps



### Features

- Suitable for all standard 0.2 ml block thermal cyclers
- Snap-shut cap design
- Also available with unique 2D coded flat cap



### Individual PCR Tubes, With Attached Caps

Standard profile, 0.2 ml wells, polypropylene, working volume: <200 µl, total well capacity: 300 µl

Code	Details	Tubes/Case
4ti-0790	With flat optical cap	1 000
4ti-0790/2D	With flat 2D coded cap	960
4ti-0795	With domed cap	1 000



### 2-Component 8 Well PCR Tube Strips, see page 16

Our FrameStrip® PCR tube strips are a unique two-component design, with thin walled polypropylene tubes for efficient heat transfer and a frame moulded from polycarbonate. This gives a rigid tube strip for easy and reliable handling which can be 2D coded and is available in various colours.