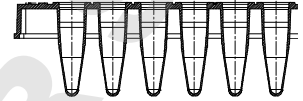


96 Well Semi-Skirted PCR Plate with Upright ABI® Style



Standard profile, 0.2 ml wells, polypropylene, cut corner A12, working volume: <200 µl, total well capacity: 300 µl; designed for use on ABI® thermal cyclers

- ✔ We recommend this semi-skirted plate for use with ABI® thermal cyclers and sequencers
- ✔ It can be used directly with ABI® instruments with no adapters and no re-calibration of the instruments necessary
- ✔ The only case where this is not true is with the ABI Fast Block thermal cyclers, in which case using our FrameStar® FastPlate is recommended instead
- ✔ All of our PCR plates are moulded from virgin polypropylene under ISO certified cleanroom conditions in our UK-based production facility, and as such comply with the same stringent requirements as our FrameStar® range

Key Features

- ✔ Subject to a strict QC procedure which includes a visual check and leak testing of every tube
- ✔ Free from DNase, RNase, human genomic DNA, and endotoxin/pyrogen

Wells

- ✔ Ultra-smooth, uniform, thin-walled polypropylene tubes for optimum PCR and real-time qPCR results
- ✔ Maximum thermal conductivity for efficient heat transfer and precise thermal cycling
- ✔ Standard 0.2 ml (200 µl) working volume, with a 0.3 ml (300 µl) total well capacity when used with sealing options
- ✔ Raised well rims prevent cross contamination and facilitate effective sealing for reduced evaporation

Frame

- ✔ Alphanumeric grid reference to aid well and sample identification

Use

- ✔ Designed for and compatible with ABI® thermal cyclers and Real Time PCR instruments
- ✔ Compatible with standard multichannel pipettes



Options

- ✔ Clear version has super clear wells for maximum sample visibility
- ✔ Also available with frosted wells for increased qPCR signal intensities and improved detection sensitivity
- ✔ Available barcoded upon request
- ✔ Available as a FrameStar® 2-component PCR plate with the same dimensions, but with the added benefits of a polycarbonate frame that eliminates plate distortion and warping during the PCR process, leading to less evaporation and sample loss

Specifications

Parameter	Value
Plate length	126.00 ± 0.25 mm
Plate width	86.00 ± 0.25 mm
Plate height	22.10 ± 0.10 mm
Well depth	20.20 ± 0.10 mm
Well diameter	5.46 ± 0.10 mm
Distance to center of A1 from top edge	11.50 ± 0.10 mm
Distance to center of A1 from left edge	13.50 ± 0.10 mm
Pitch (distance between A1 and A2)	9.00 mm

Ordering Information

Code	Details	Quantity
4ti-0735	 clear	50 plates
4ti-0736	 frosted	50 plates