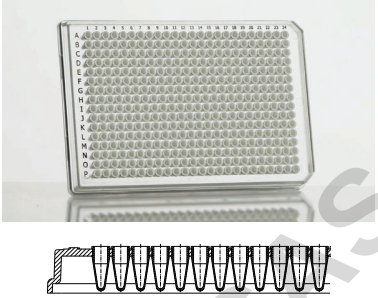
4titude FrameStar 384 Well Skirted PCR Plate, Roche Style

Polypropylene wells, polycarbonate frame, cut corners A24 and P24; working volume: <30 µl, total well capacity: 55 µl; designed for use on the Roche LightCycler® 480 with 384 well block

- The dimensions of these plates are designed for optimum compatibility with the Roche LightCycler® 480, and are in a 384 well format for reaction volumes of up to 30 µl
- The rigid two-component design eliminates warping and distortion during the PCR process, making it ideal for use with robotic systems



Key Features

- Free from DNase, RNase, human genomic DNA, and endotoxin/pyrogen
- Stackable

Wells

- Ultra-smooth, uniform, thin-walled polypropylene wells for optimum PCR and real-time (RT-qPCR) results
- <30 µl working volume, 55 µl total well capacity

Frame

- Rigid polycarbonate frame for added mechanical stability
- Significantly reduced thermal expansion and sample evaporation for improved consistency in PCR results
- Improved seal integrity due to thermal stability of frame
- Alphanumeric grid reference to aid well and sample identification

Use

- Compatible with Roche LightCycler® 480
- Recommended for low volume PCR
- Compatible with standard multichannel pipettes
- Ideal for use with robotic systems

Options

- Available as a clear polycarbonate frame with clear polypropylene wells
- Also available with white wells for optimum signal-to-noise ratio when using fluorescent based assays
- Available barcoded upon request
- Combi packs available with qPCR Seal (4ti-0560)

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4titude FrameStar 384 Well Skirted PCR Plate, Roche Style

Specifications

Parameter	Value
Plate length	127.76 ± 0.25 mm
Plate width	85.48 ± 0.25 mm
Plate height	10.60 ± 0.25 mm
Well depth	9.20 ± 0.10 mm
Well diameter	3.00 ± 0.10 mm
Distance to center of A1 from top edge	8.99 ± 0.25 mm
Distance to center of A1 from left edge	12.13 ± 0.25 mm
Pitch (distance between A1 and A2)	4.50 mm

Ordering Information

4ti-0380/C	**FrameStar 384 Well Skirted PCR Plate, Roche style, clear PP wells, clear PC frame,** cut corner A24/P24, 50 plates per case
4ti-0381	**FrameStar 384 Well Skirted PCR Plate, Roche style, white PP wells, clear PC frame,** cut corner A24/P24, 50 plates per case
Combi Pack	
4ti-0382	**FrameStar 384 Well Skirted PCR Plate, Roche style, plus qPCR Seal, 4ti-0381 plus 4ti-0560, combi pack,** 50 plates and seals per case
4ti-0383	**FrameStar 384 Well Skirted PCR Plate, Roche style, plus qPCR Seal, 4ti-0380/C plus 4ti-0560, combi pack,** 50 plates and seals per case

For recommended plate options depending on manufacturer, block type, and instrument please refer to the Azenta Plate Instrument Compatibility Table Pages 162-165.

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