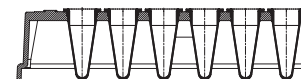
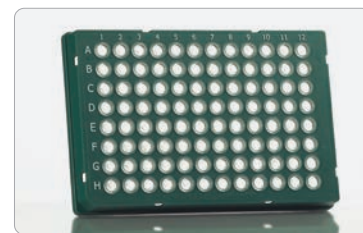


FrameStar® 96 Well Skirted PCR Plate

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



- ✓ The low profile wells of this plate are shorter than “standard” profile wells, which decrease the “dead space” between the heated lid of the thermal cycler and the sample in the well
- ✓ Eliminates condensation forming on the side wall of the tubes, preventing reduction in PCR volume and increasing the efficiency of the reaction
- ✓ Especially recommended for reaction volumes below 20 µl
- ✓ The rigid polycarbonate skirt of this design eliminates warping and distortion during PCR, and makes 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 tubes for optimum PCR and real-time (RT-qPCR) results
- ✓ <0.1 ml (100 µl) working volume, 0.2 ml (200 µl) total well capacity

Frame

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

Use

- ✓ Recommended for low volume PCR
- ✓ Ideal for use with robotic systems
- ✓ Compatible with standard multichannel pipettes
- ✓ For recommended plate options depending on manufacturer, block type, and instrument please refer to the Plate Instrument Compatibility Table Page 73.

Options

- ✓ Available with the following frame color options for the clear well variety: purple, blue, clear, green, red, black, and white
- ✓ Also available with a black frame and with a clear frame for the white well variety, for optimum signal-to-noise ratio when using fluorescent based assays
- ✓ Also available as a black frame with black wells for non-PCR fluorescent applications
- ✓ Extra rigid skirt option (4ti-0960/RIG) for use with Perkin-Elmer® Sciclone, Beckman, Hamilton, and other automation systems: eliminates the robotic grip picking up more than one plate at a time
- ✓ Ethylene oxide treated option available (4ti-OX960C/SBC) for forensic use
- ✓ Ultra-low DNA binding option available (4ti-LB0960/RIG) for sensitive applications with ultra-low DNA input and for maximum DNA recovery after low temperature storage and high temperature incubation
- ✓ Available barcoded on request
- ✓ Combi packs available (for 4ti-0960) with Q-Stick™ qPCR Seal (4ti-0565)
- ✓ Clear Polystyrene Lid (4ti-0287) compatible with PCR plates & robotics

Specifications

Parameter	Value
Plate length	127.76 ± 0.25 mm
Plate width	85.48 ± 0.25 mm
Plate height	16.10 ± 0.05 mm
Well depth	15.10 ± 0.10 mm
Well diameter	5.50 ± 0.10 mm
Distance to center of A1 from top edge	11.24 ± 0.25 mm
Distance to center of A1 from left edge	14.38 ± 0.25 mm
Pitch (distance between A1 and A2)	9.00 mm

This product is covered by one or more of the following US patents or their foreign counterparts, owned by Eppendorf AG: US Patent Nos. 7,347, 977 and 6,340,589. FrameStar® is a registered trademark owned by 4titude®Ltd.

For recommended plate options depending on manufacturer, block type, and instrument please refer to the 4titude Plate Instrument Compatibility Table Page 73

Ordering Information

Code	Details	Quantity
4ti-0960	purple frame clear wells	50 plates
4ti-0960/B	blue frame clear wells	50 plates
4ti-0960/C	clear frame clear wells	50 plates
4ti-0960/G	green frame clear wells	50 plates
4ti-0960/R	red frame clear wells	50 plates
4ti-0960/X	black frame clear wells	50 plates
4ti-0960/W	white frame clear wells	50 plates
4ti-0961	black frame white wells	50 plates
4ti-0961/C	clear frame white wells	50 plates
4ti-0966	black frame black wells	50 plates
4ti-OX960C/SBC	4ti-0960/C forensic use, ethylene oxide treated & barcoded	20 plates
4ti-0960/RIG	4ti-0960/X, with extra rigid skirt	50 plates
4ti-LB0960/RIG	4ti-0960/RIG, with low DNA binding properties	50 plates
Combi Pack		
4ti-0960/0565	4ti-0960 + Q-Stick™ qPCR Seal (4ti-0565)	50 plates + 50 seals