

Introducing the new gold standard in PCR plastics - delivering both higher performance and greater ease of use. The new Thermo Scientific ABgene® SuperPlate™ 96 well PCR plates are the most rigid polypropylene PCR plates available.

Thermo Scientific ABgene® SuperPlate™



The New Gold Standard in PCR Plastics

The ABgene® SuperPlate™ is the most rigid warp-resistant polypropylene PCR plate available. Through a combination of innovative design and specially selected polymer, the ABgene® SuperPlate™ virtually eliminates the warping and robotic handling problems seen with traditional PCR plates. Optimized range of PCR plates to suit most major thermal cyclers and QPCR platforms.

Four Times More Rigid Than Standard Polypropylene Plates

Able to withstand automated manipulation without deformation.

Enhanced Thermal Resistance

Improved design and specially selected polymer minimizes warping during thermal cycling and after heat sealing.

Raised Black Grid Reference Lettering

Quick referencing of wells prevents pipetting errors and saves time.

Thin Walled U-bottom Wells

Optimal heat transfer and maximum sample recovery.

Optimized For QPCR

Available in white to provide the highest level of sensitivity and lowest variance for QPCR.

Raised Rim Design

Optimized well surface area improves seal integrity for superior and consistent sealing without evaporation or cross-contamination.

Commitment to Quality Manufacturing

Clean Room Production

- Free of particle contamination
- Certified free from nucleases, endotoxins and contaminating DNA

Stringent Quality Control

- Every plate visually inspected
- Every well tested to ensure integrity
- Application specific testing to validate plate performance in PCR reactions



Four times more rigid than standard plates

Fig. 1: Plate rigidity testing performed using a tensometer to determine stress required to deflect the plate skirt by 2mm and 5mm.

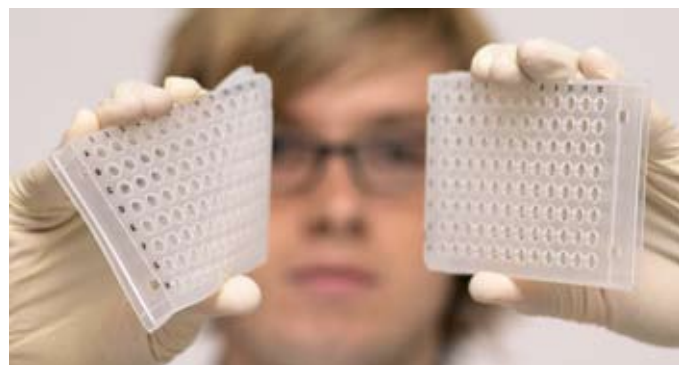
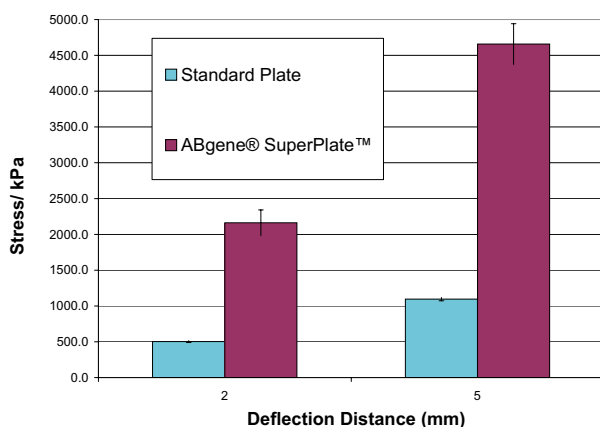


Fig. 2: Competitor plate (left) warps after standard thermal cycling conditions. ABgene® SuperPlate™ (right) shows significant reduction in warping after standard thermal cycling conditions.

Ordering information (for cyclor compatibility see www.thermo.com/abgene):

| Cat. No. | Description | Quantity |
|------------|---|-----------|
| AB-2100 | ABgene® SuperPlate™ Raised Semi-Skirt 96-Well PCR Plate | 25 Plates |
| AB-2100/B | ABgene® SuperPlate™ Raised Semi-Skirt 96-Well PCR Plate, Blue | 25 Plates |
| AB-2100/P | ABgene® SuperPlate™ Raised Semi-Skirt 96-Well PCR Plate, Purple | 25 Plates |
| AB-2100/W* | ABgene® SuperPlate™ Raised Semi-Skirt 96-Well PCR Plate, White | 25 Plates |
| AB-2100/Y | ABgene® SuperPlate™ Raised Semi-Skirt 96-Well PCR Plate, Yellow | 25 Plates |
| AB-2400 | ABgene® SuperPlate™ Semi-Skirted 96-Well PCR Plate | 25 Plates |
| AB-2400/B | ABgene® SuperPlate™ Semi-Skirted 96-Well PCR Plate, Blue | 25 Plates |
| AB-2400/P | ABgene® SuperPlate™ Semi-Skirted 96-Well PCR Plate, Purple | 25 Plates |
| AB-2400/W | ABgene® SuperPlate™ Semi-Skirted 96-Well PCR Plate, White | 25 Plates |
| AB-2400/Y | ABgene® SuperPlate™ Semi-Skirted 96-Well PCR Plate, Yellow | 25 Plates |
| AB-2800 | ABgene® SuperPlate™ Skirted 96-Well PCR Plate | 25 Plates |
| AB-2800/B | ABgene® SuperPlate™ Skirted 96-Well PCR Plate, Blue | 25 Plates |
| AB-2800/P | ABgene® SuperPlate™ Skirted 96-Well PCR Plate, Purple | 25 Plates |
| AB-2800/W | ABgene® SuperPlate™ Skirted 96-Well PCR Plate, White | 25 Plates |
| AB-2800/Y | ABgene® SuperPlate™ Skirted 96-Well PCR Plate, Yellow | 25 Plates |

Plates are available with barcoding on request.

* Available September 2007.

© 2007 Thermo Fisher Scientific Inc. All rights reserved. All trademarks are the property of Thermo Fisher Scientific Inc. BRO-SUPERPLATE-INT