

Thermo Scientific

ABgene PCR Plastics Portfolio

Choosing a plate

Plate model recommendations are based on optimal PCR performance and ease of handling. Most recommended plates are either fully skirted or semi-skirted as these plates offer increased rigidity, which reduces plate warping during thermal cycling, facilitates multichannel pipetting, and improves overall ease of use.

When plates maintain shape during thermal cycling there is consistent heat transfer throughout the plate and the risk of seal compromise and evaporation is greatly reduced, improving assay reproducibility. For more routine applications, we also offer non-skirted options.

Plate Type	Applied Biosystems (Life Technologies)			Bio-Rad/MJ			Stratagene (Agilent) & Eppendorf		Additional Instruments									
	PCR	Real-Time PCR	Sequencers	PCR	Real-Time PCR	PCR	Real-Time PCR	Biometra	Ericomp	G-Storm	MWG	Takara	Techne	Thermo Scientific Hybaid	Amer-sham	MJ	Transp.	
96-Well	Fully Skirted Low Profile*		AB-0800, AB-2800															
	Semi-Skirted Fast Block Flat Deck Raised Skirt Segmented		AB-1900 AB-1400, AB-2400 AB-1100, AB-2100 AB-0900 (AB-0624, AB-0648)															
	Non-Skirted Standard Low Profile*		AB-0600 AB-0700															
384-Well	Robotic Diamond Ultra		AB-2150															
	Standard Standard Extra Volume		AB-1384 AB-0937															

Legend

- Recommended Plate
- Alternative Option

*Tip

Low profile versions minimize the air-space above the PCR reaction, further reducing evaporation effects. We recommend that you choose the low profile options where available.

1 Requires Skirted Plate ABI3100 Adapter, Cat No. AB-1069
 2 Requires Skirted Plate ABI3700 Adapter, Cat No. AB-0980
 3 Requires Semi-Skirted plate ABI3100 Adapter, Cat No. AB-1070
 4 Requires Semi-Skirted plate ABI3700 Adapter, Cat No. AB-0888
 5 Mx4000* instruments made after 2003 are also compatible with AB-1100
 6 Compatible with "Perfect Fit Frames" available from Stratagene
 7 For MegaBACE™ 1000 purchased before July 2000, use ABgene CYCLEPLATE® (AB-1243)
 8 Plates compatible with fully skirted block ONLY