

Description	PCR Plates				
Biotix Part #	P-0200-9C	P-0200-9CHS	P-0200-9CFS	P-0100-9CHS	P-0050-3CFS
Product Description	PCR Plate, 96-well, Non-Skirted	PCR Plate, 96-well, Half-Skirted	PCR Plate, 96-well, Full-Skirted	PCR Plate, 96-well, for LightCycler™	PCR Plate, 384-well, Full-Skirted
Maximum Volume	200 µl	200 µl	200 µl	100 µl	50 µl
Color	Clear	Clear	Clear	White	Clear
Composition	Medical-grade virgin polypropylene				
Compatibility	Compatible with most PCR Thermal Cyclers				
Packaging	10 plates/pack, 5 packs/case				
Physical Data	Uniform thin wall design for optimum heat transfer DNase, RNase and Endotoxin (pyrogen) free				



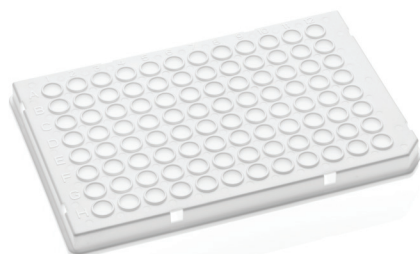
96-well Half-Skirted 200 µl



96-well Non-Skirted 200 µl



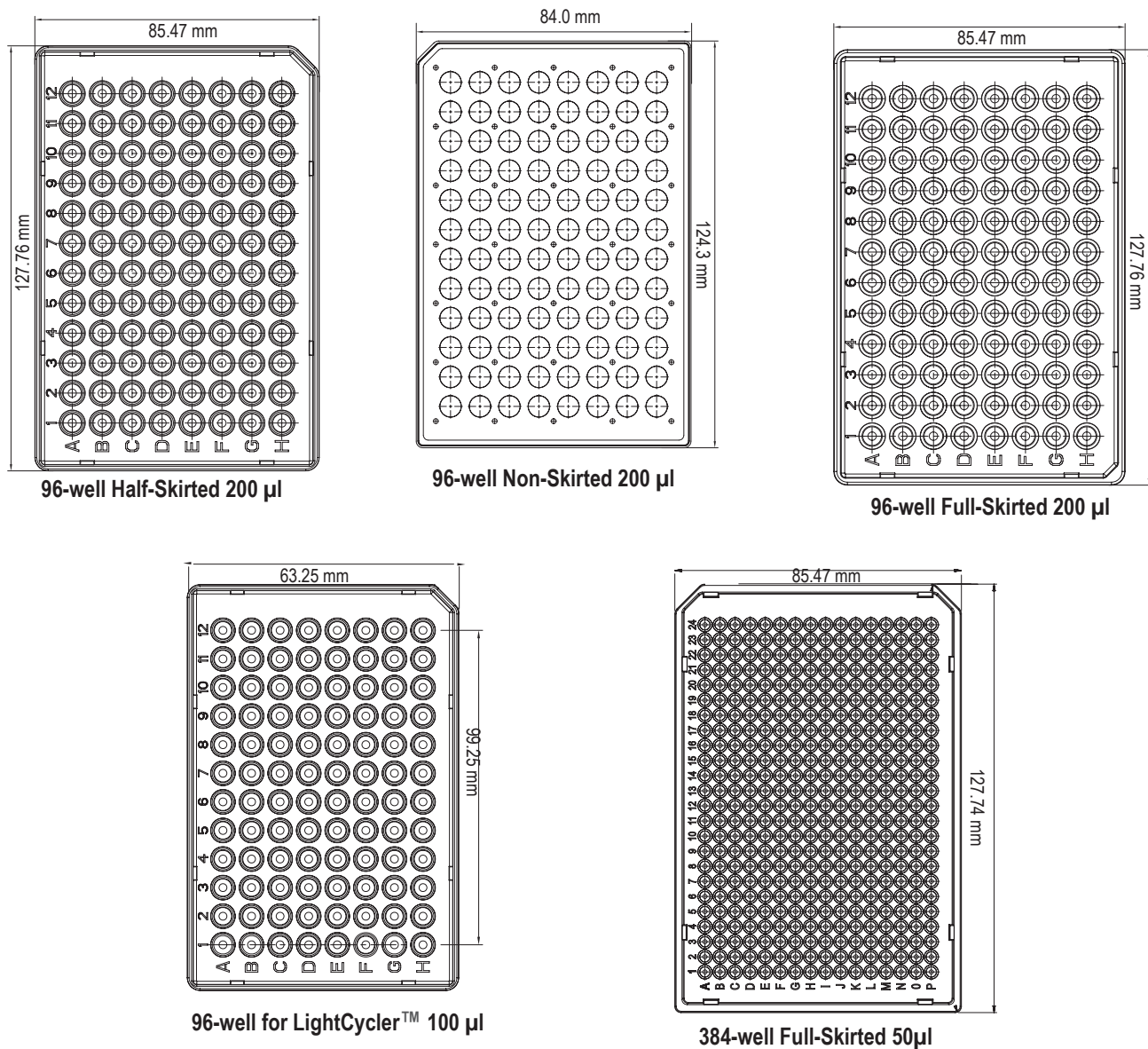
96-well Full-Skirted 200 µl



96-well for LightCycler™ 100 µl



384-well Full-Skirted 50 µl



Quality Testing

RNase/DNase	Products are washed in distilled water and concentrated via centrifugation. Samples are added to previously established nucleic acid standards, incubated for one hour at 37°C, and tested on a 2% gel using electrophoresis. Products must show no degradation of standards to pass. Test sensitivity is 10 ⁻⁷ Kunitz units/µl.
Nucleic Acid	Products are washed in distilled water and concentrated via centrifugation. Then, samples are added to protocol specified PCR reactions and thermal cycled for 50 cycles. A 2% agarose gel electrophoresis is used to examine experimental samples, positive controls, and negative controls. To pass, product samples must show no DNA amplification. Test sensitivity is 10 ng.
Endotoxin/Pyrogen	Products are tested for endotoxins by using the Limulus Amebocyte Lysate (LAL) gel assay according to FDA guidelines. Test sensitivity is 0.06 EU/ml.
Trace Metal	Products are washed in distilled water. The sample is then tested using reflectometry using a single strip test for the following metals: Ca, Cu, Fe, K, Mg, Mn and Ni. Standard solutions are used as positive controls. A reader is used to detect metals to a sensitivity of 500 mg/L.
PCR Inhibitor	Products are tested via PCR amplification and gel electrophoresis analysis. Samples must show normal amplification to be considered free of PCR inhibitors.
Sterilization	Products are sterilized using electron beam irradiation.

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