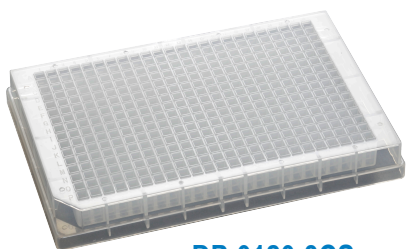


Product Specification Sheet

120 μ L

190 μ L

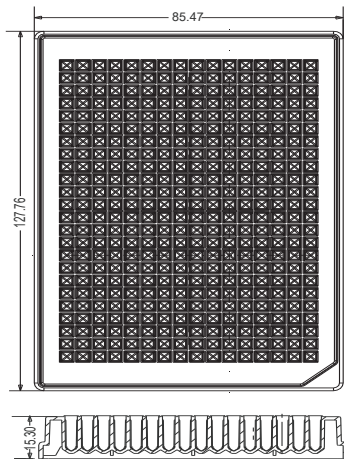
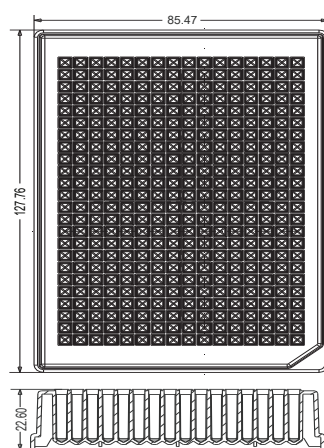
Biotix® Deep Well Plates



DP-0120-3CS



DP-0190-3CS

Description	Deep Well Plates			
Biotix Part Number	DP-0120-3CS	DP-0120-3CSS	DP-0190-3CS	DP-0190-3CSS
Product Description	384-square well	384-square well	384-square well	384-square well
Maximum Volume	120 μ L	120 μ L	190 μ L	190 μ L
Certified Pre-Sterilized	No	Yes	No	Yes
Packaging	10 plates/pack, 10 packs/case			
Composition	Medical-grade virgin polypropylene			
Features	Plates conform to SBS standards for automated high throughput processing and compound storage Plates can withstand centrifugation up to 6,000RCF			
Physical Data	DNase, RNase and Endotoxin (pyrogen) free			
Technical Drawings	<div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <p>120 μL</p>  </div> <div style="text-align: center;"> <p>190 μL</p>  </div> </div>			

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 to 10 ⁻³ sterility insurance level (SAL).