

Description	Deep-Well Microplates			
Biotix Part #	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 µl	120 µl	190 µl	190 µl
Certified Pre-Sterile	No	Yes	No	Yes
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			
Packaging	10 plates/pack, 10 packs/case			
Physical Data	DNase, RNase and Endotoxin (pyrogen) free			

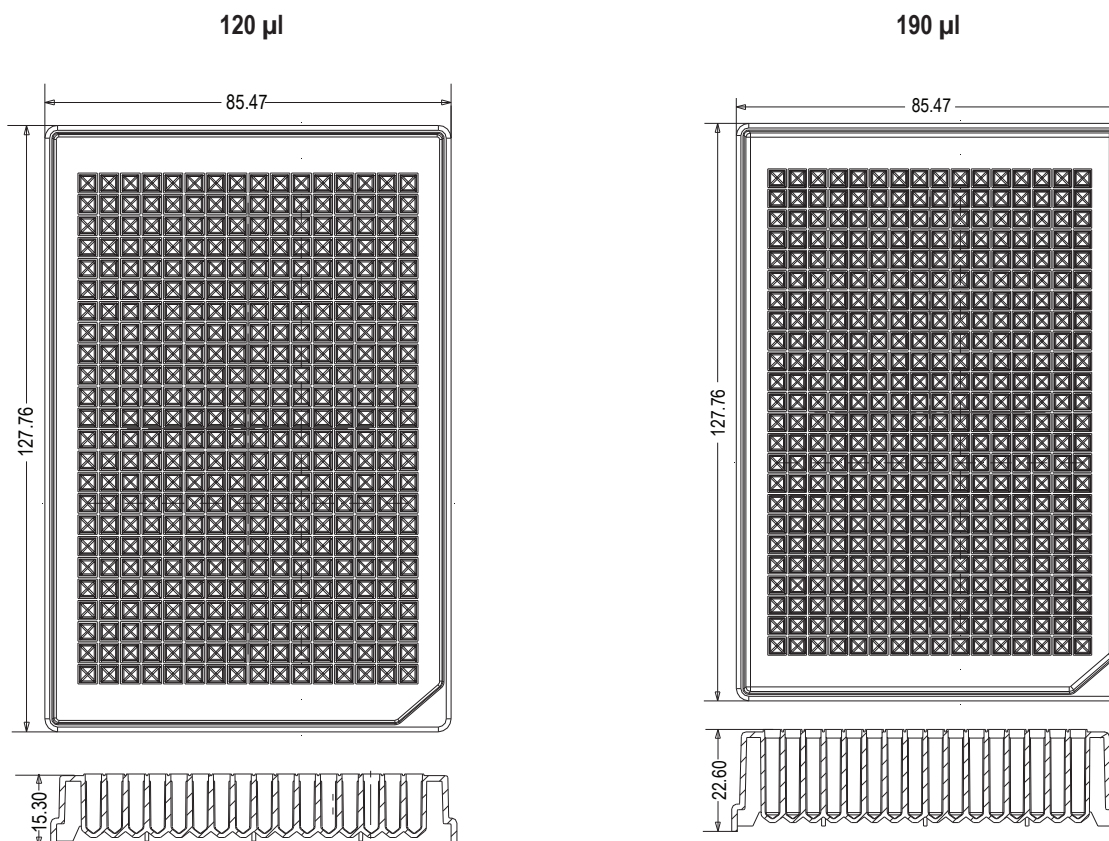


120 µl



190 µl

## Product Dimensions



## Quality Testing

<b>RNase/DNase</b>	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 <sup>-7</sup> Kunitz units/µl.
<b>Nucleic Acid</b>	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.
<b>Endotoxin/Pyrogen</b>	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.
<b>Trace Metal</b>	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.
<b>PCR Inhibitor</b>	Products are tested via PCR amplification and gel electrophoresis analysis. Samples must show normal amplification to be considered free of PCR inhibitors.
<b>Sterilization</b>	Products are sterilized using electron beam irradiation.

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