

## Product Specification Sheet

330  $\mu$ l

350  $\mu$ l

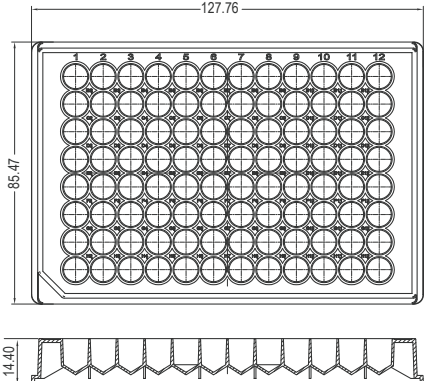
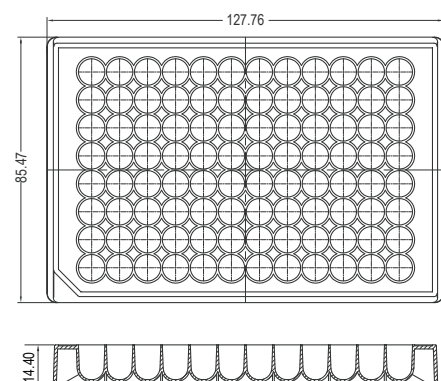
### Biotix® Assay Plates



AP-0350-9CV



AP-0350-9CU

Description	Assay Plates			
Biotix Part Number	AP-0350-9CV	AP-0350-9CVS	AP-0350-9CU	AP-0350-9CUS
Product Description	96-well, V-Bottom	96-well, V-Bottom	96-well, U-Bottom	96-well, U-Bottom
Maximum Volume	330 $\mu$ l	330 $\mu$ l	330 $\mu$ l	330 $\mu$ l
Certified Pre-Sterilized	No	Yes	No	Yes
Packaging	10 plates/pack, 10 packs/case			
Composition	Medical-grade virgin polypropylene			
Features	Plates conform to ANSI/SBS 1-2004 standards for automated high throughput processing "Chimney"-style raised wells allow secure application of sealing mats and sealing films			
Physical Data	DNase, RNase and Endotoxin (pyrogen) free			
Technical Drawings	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>330 <math>\mu</math>l</p>  </div> <div style="text-align: center;"> <p>350 <math>\mu</math>l</p>  </div> </div>			

## 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 to 10 <sup>-3</sup> sterility insurance level (SAL).