

Description	Assay Plates			
Biotix Part #	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 µl	330 µl	350 µl	350 µl
Certified Pre-Sterile	No	Yes	No	Yes
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			
Packaging	10 plates/pack, 10 packs/case			
Physical Data	DNase, RNase and Endotoxin (pyrogen) free			



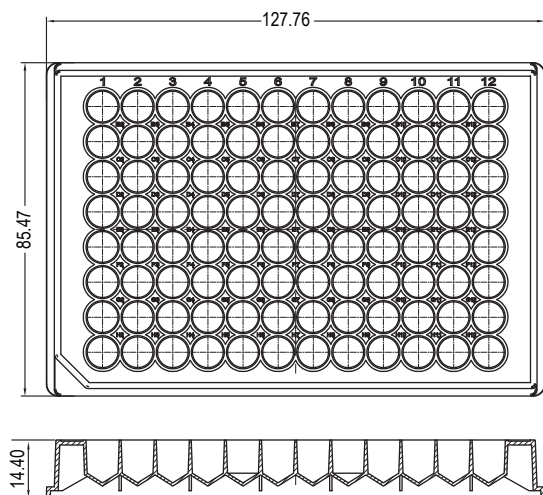
330 µl



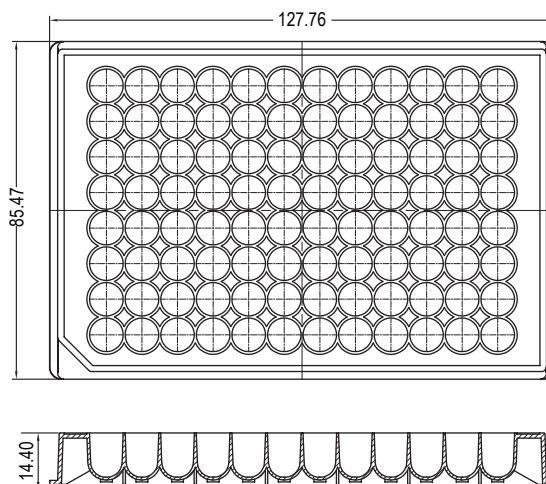
350 µl

Product Dimensions

330 μ l



350 μ l



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/ μ l.
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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