

## 1.2 ml 2.2 ml Biotix® Deep Well Plates



**63300106**



**63300108**

Description		Deep Well Plates			
Biotix Part #	63300106	63300107	63300108	63300109	
Legacy REF #	DP-1200-9CU	DP-1200-9CUS	DP-2200-9CV	DP-2200-9CVS	
Product Description	96-round well, U-bottom	96-round well, U-bottom	96-square well	96-square well	
Maximum Volume	1.2 ml	1.2 ml	2.2 ml	2.2 ml	
Certified Pre-Sterile	No	Yes	No	No	
Packaging	5 plates/pack, 10 packs/case				
Composition	Medical-grade virgin polypropylene				
Features	Plates conform to ANSI/SBS 1-2004 standards for automated high throughput processing				
Physical Data	DNase, RNase and Endotoxin (pyrogen) free				
Technical Drawings					

## 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 <sup>-7</sup> 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 <sup>-3</sup> sterility insurance level (SAL).
CV Test	Each lot of Biotix product is CV tested and the resulting CV is then printed on the pack label. The volume tested is equal to the maximum volume per tip size.



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