

50 mL

Biotix® Reservoir



63300131

Description		Disposable Reagent Reservoirs		
Biotix Part #	63300131	63300130	63300132	
Legacy REF #	SR-0050-1SC	SR-0050-5SC	SR-0050-BC	
Maximum Volume	50 ml	50 ml	50 ml	
Graduation Marks	Yes	Yes	Yes	
Certified Pre-Sterile	Yes	Yes	No	
Material	Polypropylene Terephthalate (PET)	Polypropylene Terephthalate (PET)	Polypropylene Terephthalate (PET)	
Packaging	1 per bag, 100 per case	5 per bag, 200 per case	Bulk, 100 per case	
SBS Compliant	Yes	Yes	Yes	
Compostable	Yes	Yes	Yes	
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 10-7 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).
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.

Chemical Resistance

Solvent	20°C	50°C
	Natural Polystyrene	Natural Polystyrene
Acetone	N	N
Ammonium Chloride	E	E
Ammonium Sulfate	E	E
Dimethylsulfoxide	N	N
Ethanol	E	E
Chloroform	N	N
Magnesium Chloride	E	E
Mineral Oil	E	E
Phenol 10%	S	S
Tromethamine	E	E
Edeate Disodium	E	E
Acetic Acid, Glacial	E	S
Benzene	N	N
Boric Acid	E	E
1,3-Butadiene	E	E
Calcium Hydroxide	E	E
Chlorine	S	S
Formaldehyde	E	E
Hexanes	N	N
Hydrochloric Acid	E	E
Hydrogen Peroxide	E	E
Kerosene	S	S
Sulfuric Acid 95%	N	N
Sulfuric Acid 20%	E	E

E = Excellent resistance, no etching
 B = Good resistance, little etching after day 28
 S = Fair resistance, etching after day 7
 N = Not recommended



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