

# Product Specification Sheet

70 µL

## Biotix® Automation Pipette Tips



VB-0071-3FC



VB-0071-3SC

Description	Agilent™ Velocity 11® 70 Tip	Agilent™ Velocity 11® 70 Tip
Biotix Part Number	VB-0071-3FC	VB-0071-3SC
Maximum Volume	70 µl	86 µl
Graduation Marks	Yes	Yes
Certified Pre-Sterile and Free of Key Contaminants	Yes	Yes
Material	Clear polypropylene	Clear polypropylene
Packaging	384 tips per rack, 10 racks per pack, 5 packs per case	384 tips per rack, 10 racks per pack, 5 packs per case
Plate Compatibility	96 & 384	96 & 384
X-Resin™	Yes	Yes
Statix™	Yes	Yes
Blade™	Yes	Yes
Delta Filter™	No	Yes
Technical Drawings		

## 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).
<b>CV Test</b>	Each lot of Biotix product is CV tested and the resulting CV is then printed on the pack label. The volumetested is equal to the maximum volume per tip size.
<b>TIR-Total Indicated Runout</b>	Biotix pipette tips are tested to ensure that they meet the SBS standards. Individual products specify their compatibility with 96, 384 or 1536-well plates.

## Compatible with:

Agilent™ Velocity 11® VPrep® with 384 head  
 Agilent™ Velocity 11® Bravo® with 384 head