

## Product Specification Sheet

30 µL

### Biotix® Automation Pipette Tips



VB-0030-3FC



VB-0030-3SC

| Description  | Agilent™ Velocity 11® 30 Filter Tip                          | Agilent™ Velocity 11® 30 Tip                                 |
|--|--|--|
| Biotix Part Number                                 | VB-0030-3FC  | VB-0030-3SC  |
| Maximum Volume                                     | 17 µl  | 30 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,<br>10 racks per pack,<br>5 packs per case | 384 tips per rack,<br>10 racks per pack,<br>5 packs per case |
| Plate Compatibility                                | 96 & 384   | 96 & 384   |
| X-Resin™   | Yes  | Yes  |
| Statix™  | Yes  | Yes  |
| Blade™   | Yes  | Yes  |
| Delta Filter™                                      | Yes  | No   |
| 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).  |

## Compatible with:

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