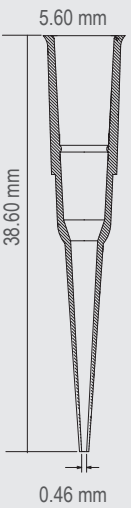
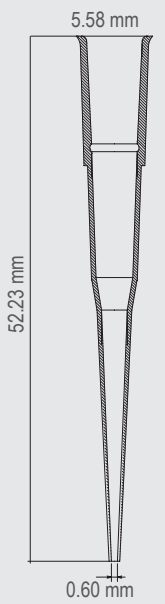




TM-0050-9NC TM-0200-9NC  
 TM-0050-9SC TM-0200-9SC

Description	50 µl Tip	50 µl Tip	200 µl Tip	200 µl Tip
Biotix Part #	TM-0050-9NC	TM-0050-9SC	TM-0200-9NC	TM-0200-9SC
Maximum Volume	50 µl	50 µl	200 µl	200 µl
Certified Pre-Sterile	No	Yes	No	Yes
Material	Medical-grade virgin polypropylene			
Color	Clear			
Packaging	96 tips/rack 10 racks/pack 10 packs/case			
Blade™	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 using electron beam irradiation.
<b>CV Test</b>	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.
<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.

## Proprietary Technologies

<b>Blade</b>	<b>Minimal distal end orifice</b> Patents Pending
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## Liquid Handling System Compatibility

Tecan Multichannel Arm™ 96 (MCA96) option on Freedom EVO® Automated Liquid Handling Systems

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