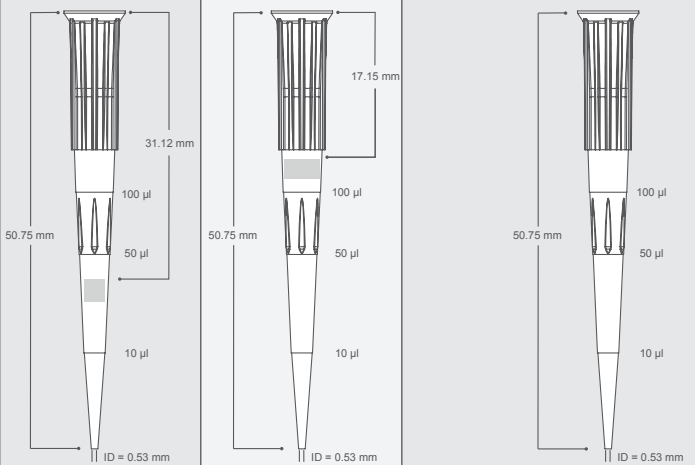


| Description | 20 µl Filter Tip | 100 µl Filter Tip | 200 µl Tip | |
|--|--|---|---|---|
| | M-0020-9FC | M-0100-9FC | M-0200-9SC | M-0200-9RC |
| Maximum Volume | 20 µl | 100 µl | 200 µl | |
| Graduation Marks | Yes | Yes | Yes | |
| Certified Pre-Sterile and Free of Key Contaminants | Yes | Yes | Yes | |
| Material | Clear polypropylene | Clear polypropylene | Clear polypropylene | |
| Packaging | 96 tips/rack, 10 racks/pack, 5 packs/case | 96 tips/rack, 10 racks/pack, 5 packs/case | 96 tips/rack, 10 racks/pack, 5 packs/case | 96 tips/card, 20 cards/pack, 5 packs/case or Tip Eject™ |
| X-Resin™ | Yes | Yes | Yes | |
| FlexFit™ | Yes | Yes | Yes | |
| Blade™ | Yes | Yes | Yes | |
| Delta Filter™ | Yes | Yes | No | |
| Technical Drawings |  | | | |



M-0020-9FC **M-0100-9FC** **M-0200-9SC**
M-0200-9RC



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 using electron beam irradiation. |
| 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. |
| TIR-Total Indicated Runout | 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

| | |
|---------------------|---|
| FlexFit | Ergo design Patents Pending |
| X-Resin | Proprietary resin, virgin polypropylene |
| Delta Filter | Color change filter Patents Pending |
| Blade | Minimal distal end orifice Patents Pending |

Pipettor Compatibility

| | | |
|---|---|---|
| Biohit™ M100 & M200 | Eppendorf Research™ 20 μl, 100 μl, 200 μl, and 300 μl | Nichiryo Nichipet EX™ 20 μl (works with M-0020-9FC and M-0200-9SC), 100 μl, and 200 μl |
| Biohit Proline Plus™ 100 μl and 200 μl | Eppendorf Research Plus™ 20 μl and 100 μl | Nichiryo Oxford Benchmate™ 20 μl (works with M-0020-9FC and M-0200-9SC) |
| Brand Transferpette S™ 20 μl, 100 μl, and 200 μl | Eppendorf Xplorer™ 20 μl and 100 μl | Nichiryo Oxford Multimate™ 50 μl (works with M-0020-9FC and M-0200-9SC) and 300 μl |
| Brand Transferpette Electronic™ 300 μl | Finnpipette™ 20 μl (works with M-0020-9FC and M-0200-9SC), 50 μl, 200 μl, and 300 μl | Socorex Calibri 822™ 100 μl and 200 μl |
| Capp™ 50 μl, 100 μl, and 300 μl | Finnpipette™ Electronic 300 μl | VWR Ergonomic High Performance™ 20 μl (works with M-0020-9FC and M-0200-9SC) and 200 μl |
| CLP Beta-Pette™ 20 μl (works with M-0020-9FC and M-0200-9SC), 100 μl, and 200 μl | Gilson Pipetman™ P20 (works with M-0020-9FC and M-0200-9SC), P100, and P200 | VWR Ultra High Performance™ 20 μl (works with M-0020-9FC and M-0200-9SC), 100 μl, and 200 μl |
| CLP Poseidon™ 50 μl, 100 μl, 200 μl, and 300 μl | Gilson Pipetman Ultra™ U20 (works with M-0020-9FC and M-0200-9SC) and U200 | |
| CLP Poseidon Electronic™ 200 μl | Hamilton™ 25 μl, 100 μl, and 300 μl | |
| Eppendorf Reference™ 20 μl, 100 μl, and 200 μl | | |

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