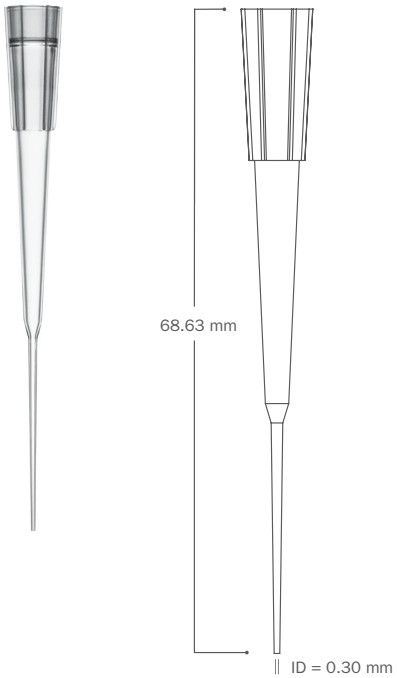
NEPTUNE™
Tools for Life Sciences

Product Specification Sheet

Series	2016 Series 200 µl Extended Length Gel Tip
Part Number	2016 2016.S
Tip Composition	Neptune pipette tips are made of virgin polypropylene
Tip Type Available	Natural Polypropylene
Filter Material	Non-filtered Products
Offered in Sterile Format	Yes
Configuration	Racked
Packaging Breakdown	204 tips per rack 5 racks per pack 5 packs per case
Autoclavable	Autoclavable at 120° C for 10-15 minutes at 15 PSI
Storage Conditions	Store in a clean, dry environment at room temperature 15-30˚C

2016 Series



Quality Control:

Certificates of Compliance	Each lot undergoes stringent inspection and indiviadual lot testing ensures Neptune products are certified RNase, DNase, DNA and Endotoxin-free. Visit www.neptunescienfific.com to obtain a copy of a certificate of compliance for your Neptune product.
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.
Sterilization	Products are sterilized using electron beam irradiation.
Traceability	Each product contains a 5 digit lot number located on the rack, pack and case of each finished good. With Neptune's advanced manufacturing process all raw materials are able to be traced for maximum quality assurance.

Advancements in Liquid Handling:

S^3	Neptune's exclusive S^3 polymer was designed to increase pipetting accuracy by virtually eliminating tip retention and sample hold-up.
ESP Reload	Neptune's ESP (Environmental Sustainable Pack) was the industry's first pipette reload system designed to minimize plastic waste by 90% and provide an environmentally friendly solution.
Aerosol Barrier Tip	Specifically enginerred to reduce cross contamination.

Pipettor Compatibility:

Not compatible with multichannel pipettes

Biohit™ M100 and M200

Biohit Proline Plus™ 100 µl and 200 µl

Brand Transferpette S™ 20 µl, 100 µl and 200 µl

Brand Transferpette Electronic™ 300 µl

Capp™ 50 µl, 100 µl and 300 µl

CLP Beta-Pette™ 20 µl, 100 µl and 200 µl

CLP Poseidon™ 50 µl, 100 µl, 200 µl and 300 µl

CLP Poseidon Electronic™ 200 µl

Eppendorf Reference™ 20 µl, 100 µl and 200 µl

Eppendorf Research™ 20 µl, 100 µl, 200 µl and 300 µl

Eppendorf Research Plus™ 20 µl and 100 µl

Eppendorf Xplorer™ 20 µl and 100 µl

Finnpipette™ 20 µl, 50 µl, 200 µl and 300 µl

Finnpipette™ Electronic 300 µl

Gilson Pipetman™ P20, P100 and P200

Gilson Pipetman Ultra™ U20, U200

Hamilton™ 25 µl, 100 µl and 300 µl

Nichiryo Nichipet EX™ 20 µl, 100 µl and 200 µl

Nichiryo Oxford Benchmate™ 20 µl

Socorex Calibri 822™ 100 µl and 200 µl

VWR Ergonomic High Performance™ 20 µl and 200 µl

VWR Ultra High Performance™ 20 µl, 100 µl and 200 µl