

Technical data sheet

VWR® UNIVERSAL PIPET TIPS, 300 μΙ

Description	Filter Pipet Tips	Non-Filter Pipet Tips			
Cat. No.	732-3636	613-6469	613-6459	613-6443	613-6437
Volume	300 µl	300 µl	300 µl	300 μΙ	300 µl
Maximum Available Volume	310 µl	400 µl	400 µl	400 µl	400 µl
Graduation Levels	10, 50, 100	10, 50, 100	10, 50, 100	10, 50, 100	10, 50, 100
Filtered	Yes	No	No	No	No
Low Retention	Yes	Yes	Yes	Yes	Yes
Certified Pre-Sterile	Yes	Yes	No	Yes	No
BioReady	Yes	Yes	Yes	Yes	Yes
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Packaging Type	Racked	Racked	Racked	Reload	Reload
Packaging	96 Tips/Rack, 10 Racks/Pack	96 Tips/Rack, 10 Racks/Pack	96 Tips/Rack, 10 Racks/Pack	96 Tips/Insert, 10 Insert/Pack	96 Tips/Insert, 10 Insert/Pack
	Tilter Location 1.691 MAX. VOLUME 310 µl		59.54 2.344	1.934 MAX. VOLUME 400 µl 100 µl 50 µl [0.51] Ø .020	





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/m	
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 to 10^-3 sterility assurance level.	
CV Test	Each lot 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.	

FEATURED PROPRIETARY TECHNOLOGIES

- Flexibility on the proximal end of tips dramatically minimizes the necessary insertion to make a secure seal
- Exclusive polypropylene resin reduces sample retention without the risk of leaching or sample contamination
- Pipet tip technology designed to reduce the frequency of hanging droplets, increasing both accuracy and precision



avantorsciences.com

Any prices, product, and/or services details are current when published and subject to change. Offers subject to product availability. Void where prohibited by law or company policy. Any claims concerning products manufactured by third parties are the sole claims of the manufacturer and not those of Avantor or its affiliates. All products are subject to the terms and conditions of sale of Avantor or its affiliates, including the applicable limitations of liability contained therein. The information herein should not be considered a warranty of any kind. Please carefully review any product information sheets and safety information for the product. Trademarks are owned by Avantor Inc. or its affiliates, unless otherwise noted. | Visit vwr.com and avantorsciences.com to view our privacy policy and additional disclaimers.