

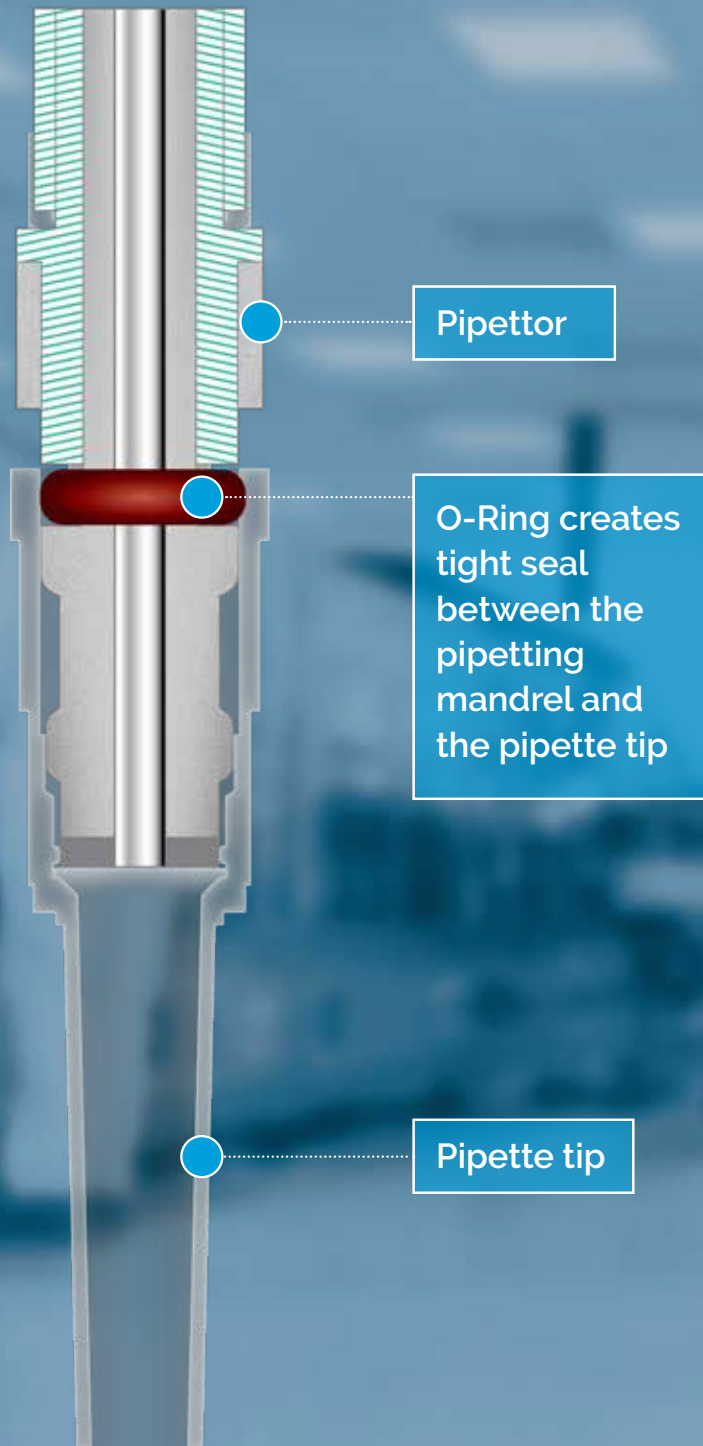
Prime[®] Consumables

PIPETTE TIPS

BRILLIANTLY
DETAILED



Details Matter



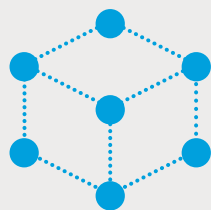
From macro to micro, details can make the difference between success and setback. This rings especially true when transferring the smallest liquid volumes. This is why we devoted meticulous attention to every facet of our exclusive performance-based Prime pipette tips.

Our purpose-driven craftsmanship ensures powerfully reliable liquid handling performance while extending your first-class HighRes Biosolutions experience.

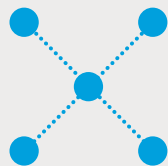
Perspectives in Harmony

The humble pipette tip is the crux of a liquid handler. With our extensive experience working closely with just about every liquid handling technology on the market, we have keen insight into what does and doesn't work when coupling tips and robots to move precise aliquots of liquids.

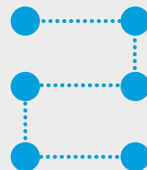
Our Prime tips are designed to reflect quality from a multitude of angles:



FORM



FIT



FUNCTION



FREEDOM

Depend on Prime pipette tips and the Prime automated liquid handler to propel your next scientific breakthrough.

Contact sales@highresbio.com

or your local HighRes Biosolutions Sales Representative
for more information.

Form

Champions of convenience in any application and plate densities from 24- to 1536-wells.



Tip Sizes

Tips encompassing volume ranges from 0.5–1000 μL suit a wide range of assays.



Filter Tips

Filter tip options protect precious samples and sensitive robotic parts from aerosol contamination.



Sterile Tips

Sterile tip options offer extra confidence when safeguarding samples from harmful pathogens. Tips are irradiated with a 12–35 kGy dose range to guarantee a sterility assurance level of 10^{-6} and audited according to ANSI/AAMI/ISO 11137 by an independent laboratory.



Wide Bore Tips

Wide bore options facilitate precise transfer of viscous liquids and suspensions with expert agility and gentle care.



At Your Disposal

Discover parallel processing, cherry or hit picking, and plate compression, expansion, and replication through Prime automated liquid handlers and Prime pipette tips.

Fit

Great things happen with a one-of-a-kind relationship between mechanics and artistry.



Airtight Seal

Prime pipette tips and Prime automated liquid handler mandrels are crafted with an unparalleled seal to deliver the utmost performance, integrity, and reliability in your workflow.



Tip Manufacturing

Each tip lot is cast from highly precise molds by highly skilled operators in a tightly controlled environment. The tips are also subject to rigorous testing and performance procedures. Manufactured tips meet all stated standards for precision, clarity, warp, centrifugation and freedom from contamination.



Delight in Speed

Prime automated liquid handlers and Prime pipette tips combine perfectly to empower rapid and parallel processing.

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for more information.

Function



Wielding intense and highly consistent performance under any conditions.

Performance Data, 96 Prime Pipetting Heads
(220 μ L and 1000 μ L types)

Head & Tip Type	Volume Range (μ L)	Test Volume (μ L)	Precision (%)	CV (%)
220 μ L	1-220	1	5.0	<2
		22	2.0	<2
		110	1.5	<2
		220	1.5	<2
1000 μ L	5-1000	5	2.0	<2
		100	2.0	<2
		500	1.5	<2
		1000	1.5	<2



Achieve More

Expand assay versatility by quickly interchanging pipetting heads and automatically accessing up to 150 stored tip boxes in the Prime automated liquid handler's high capacity, underdeck-mounted labware management carousel.

Performance Data, 384 Prime Pipetting Head (70 uL type)

Head & Tip Type	Volume Range (uL)	Test Volume (uL)	Precision (%)	CV (%)
30 uL	0.5 – 30	0.5	8.0	<2
		3	2.0	<2
		15	1.5	<2
		30	1.5	<2
70 uL	0.5- 71	0.5	8.0	<2
		7	2.0	<2
		35	1.5	<2
		70	1.5	<2

Performance Data, iZ8 Prime Pipetting Head

Head & Tip Type	Volume Range (uL)	Test Volume (uL)	Precision (%)	CV (%)
70 uL / 30 uL	1-30	1	5.0	<5
		3	2.0	<5
		15	1.5	<5
		30	1.5	<5
70 uL / 70 uL	1-70	1	5.0	<5
		7	2.0	<5
		35	1.5	<5
		70	1.5	<5
220 uL / 220 uL	1-220	1	5.0	<5
		22	2.0	<5
		110	1.5	<5
		220	1.5	<5
1000 uL / 1000 uL	5-1000	5	5.0	<5
		100	2.0	<5
		500	1.5	<5
		1000	1.5	<5

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Freedom



Nothing but pure,
unobstructed opportunity.



Overarching Quality

We stand behind our extraordinary tip quality and will freely replace any that fail to meet our stringent published standards.



Pure Materials

100% virgin polypropylene, polyethylene or polystyrene resins reduce or eliminate any risk of interfering leachables. These materials are USP Class-VI certified, RoHS, FDA regulation CFR 21, free of Substances of Very High Concern (SVHC), REACH compliant, and FDA approved for food contact.



Wide-Ranging Confidence

Prime pipette tips are barcoded for easy inventory, and Cellario software automatically tracks consumable availability across your entire automated system.

Certified Free Of

Non-Pyrogenic
Endotoxin Free



Endotoxin (pyrogen)
contamination

RNase/DNase
FREE



Detectable RNase
and DNase
nuclease activity

**ATP
FREE**

Adenosine
triphosphate (ATP)

**Certified
Low Trace
Metals**

Heavy metals
below 1 ppm

Select Tips Also Certified Free Of



**DNA
FREE**

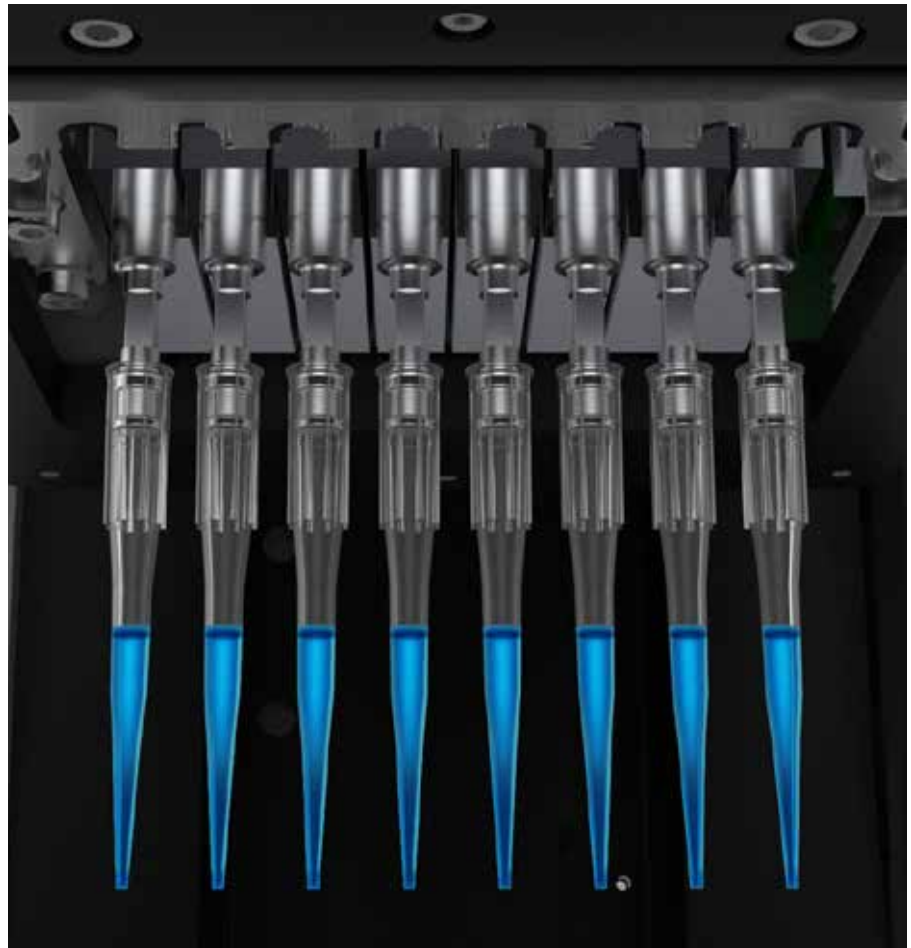
Human DNA

**Protease
FREE**

Protease activity

<1ppb

Metals below 1 ppb



Prime Consumable Tips Selection Guide

Case Part Number	Tips per Box/Boxes per Case	Volume Range (µL)	Filtered	Sterile	Wide Bore	Microplate Access
30 µL Tips, used with Prime Heads 384_70 MC, iZ8_70						
1076344	384/50	0.5-30				384, 1536
1076345	384/50	0.5-30		●		384, 1536
1076346	384/50	0.5-22	●			384, 1536
1076347	384/50	0.5-22	●	●		384, 1536
1076362	96/50	0.5-30				96, 384, 1536
1076364	96/50	0.5-30		●		96, 384, 1536
1076363	96/50	0.5-22	●			96, 384, 1536
1076365	96/50	0.5-22	●	●		96, 384, 1536
70 µL Tips, used with Prime Heads 384_70 MC, iZ8_70						
1076355	384/50	0.5-70				384
1076356	384/50	0.5-70		●		384
1076357	384/50	0.5-68	●			384
1076358	384/50	0.5-68	●	●		384
1076372	96/50	0.5-70				96, 384
1076373	96/50	0.5-70		●		96, 384
1076374	96/50	0.5-68	●			96, 384
1076375	96/50	0.5-68	●	●		96, 384

Tip Pricing Overview

The following are the pricing and discount rates for Prime® tips based on the quantity purchased per year. Please note that although tip prices are subject to change, the discount tiers will not change. If you have questions, please contact us at tips@highresbio.com.

30 µL, 70 µL, and 220 µL Tips (50 racks per case)

	List Price	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6
Case Range	1-9	10-24	25-49	50-99	100-199	200+
Discount	0%	6%	13%	20%	27%	41%

1000 µL Tips (20 racks per case)

	List Price	Tier 2	Tier 3	Tier 4	Tier 5	Tier 6
Case Range	1-24	25-62	63-124	125-249	250-499	500+
Discount	0%	6%	13%	20%	27%	41%

Case Part Number	Tips per Box/Boxes per Case	Volume Range (µL)	Filtered	Sterile	Wide Bore	Microplate Access
220 µL Tips, used with Prime Heads g6_220 MC, iZ8_220						
1076348	96/50	1-220				96, 384
1076349	96/50	1-220		●		96, 384
1076350	96/50	1-165	●			96, 384
1076368	96/50	1-165	●	●		96, 384
1086321	24/50	1-220				24, 96, 384
1086322	24/50	1-220		●		24, 96, 384
1086323	24/50	1-165	●			24, 96, 384
1086326	24/50	1-165	●	●		24, 96, 384
1076376	96/50	1-220			●	96, 384
1076378	96/50	1-220		●	●	96, 384
1076380	96/50	1-165	●		●	96, 384
1076381	96/50	1-165	●	●	●	96, 384
1086327	24/50	1-220			●	24, 96, 384
1086328	24/50	1-220		●	●	24, 96, 384
1086329	24/50	1-165	●		●	24, 96, 384
1086330	24/50	1-165	●	●	●	24, 96, 384
1000 µL Tips, used with Prime Heads g6_1000 MC, iZ8_1000						
1080878	96/20	5-1000				96, 384
1080879	96/20	5-1000		●		96, 384
1080880	96/20	5-1000	●			96, 384
1080883	96/20	5-1000	●	●		96, 384
1080889	24/20	5-1000				24, 96, 384
1080886	24/20	5-1000		●		24, 96, 384
1080888	24/20	5-1000	●			24, 96, 384
1080884	24/20	5-1000	●	●		24, 96, 384
1080881	96/20	5-1000			●	96, 384
1080885	96/20	5-1000		●	●	96, 384
1080882	96/20	5-1000	●		●	96, 384
1080887	96/20	5-1000	●	●	●	96, 384

Contact sales@highresbio.com or your local HighRes Biosolutions Sales Representative for more information.



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