RESEARCH GRADE

LIQUID HANDLING PRODUCTS

2024 Catalogue



Sequence BioTech, LLC

3 Northern Blvd Suite A1

Amherst NH, 03031

(603)-769-0963

info@sequencebiotech.com

INTRODUCTION

Welcome to Sequence Biotech LLC, a pioneering company founded in 2009 by the visionary Dan Seguin. Our journey began with a strong partnership with Sorenson Biosciences, laying the foundation for our success in the field of biotechnology.

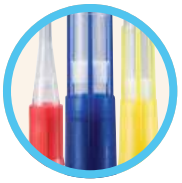
At Sequence Biotech, we take immense pride in our role as the designers and manufacturers of the renowned "Sorenson 96 Channel Benchtop Pipettor". This revolutionary instrument has been a trusted companion in precision liquid handling functions for major clinical research organizations for over a decade.

In 2019, we proudly took over the distribution rights of the Sorenson Benchtop Pipettor, further solidifying our commitment to providing cutting-edge solutions to the scientific community. With our longstanding partnership with Sorenson Biosciences, we have become a trusted distributor of their product line, delivering excellence and reliability to our valued customers.

This brochure serves as a testament to our dedication and expertise. Within its pages, you will discover a comprehensive range of products that we proudly sell. From state-of-the-art laboratory equipment to high-quality consumables, we offer everything you need to propel your scientific endeavors to new heights.

Sequence Biotech's unwavering commitment to innovation, precision, and customer satisfaction sets us apart. We are driven by a passion for advancing scientific research and empowering researchers with the tools they need to make groundbreaking discoveries.

Join us on this remarkable journey of scientific exploration and innovation. Explore our brochure and discover the exceptional products that make Sequence Biotech a trusted name in the industry.





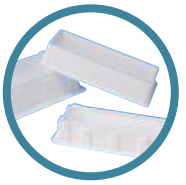


Table of Contents

Page

Pipette Tips

Pipette Tip Packaging Options 2-3
MµltiGuard™ Barrier Pipette Tips 4-5
OneTouch Pipette Tips 6-7
Ultra-Micro and Standard Universal Fit Pipette Tips 8-11
Gel Loading Pipette Tips 12-13
Pipette Tip Compatibility Chart 14-17

Tubes

SafeSeal Microcentrifuge Tubes 18-19
Low Binding Microcentrifuge Tubes 20

BenchTop Pipettor

Semi-automated BenchTop Pipettor 22-23

PCR Products

µltraAMP™ PCR Plates 24-27
µltraAMP PCR Plates Compatibility Chart 28-29
µltraAMP PCR Plate and Tube Sealers 30-31
PCR Tubes and Tube Strips: µltraTubes and µltraStrips 32
Freeze Block, DeepWell Plates 33
Disposable Reagent Reservoirs 34

Index 36

Pipette Tip Packaging Options

Pipette Tip Packaging Options:

Choose the right tip and the right packaging option. Each packaging option is identified in the tip ordering information tables by icons as presented below:

Bulk Tips | Racked Tips | e•dek™ | TipStation | Platinum Reload System | QuickRack | Gel Loading Tips





Bulk Tips

1,000 loose tips packaged in resealable bags*

- Available Tips: Wide selection

1,000 µl XT bulk bags exception: 768 tips/bag



CellRacks

Hinged

Standard

Racked Tips

Sorenson tips are available in sturdy racks that withstand several autoclave cycles.

CellRacks hold tips steadily in fully enclosed cells, minimize static and are excellent platforms for single and multichannel pipetting. **Hinged** racks hold the extremely popular 1000XT (50-1250 µl) tips, and traditional 1000 µl standard tips are placed in 100-hole **standard** racks.

- Available Tips: Wide selection



e•dek – Paperboard Rack System

- Easy to recycle – compatible with most paperboard recycling programs
- Used racks require minimal storage space – just flatten and recycle
- Manufactured from paperboard sourced from sustainable forests
- Printed with soy and vegetable based inks
- Less weight equals reduced energy consumption and cost for shipping
- Available Tips: Sterile OneTouch pipette tip range

Pipette Tip Packaging Options



TipStation – Multichannel Pipetting Platform

- Saves space: 192 tips per deck, 5 decks per stack (960 tips)
- Decks designed in 2 x 96 format to match microtiter plate formats
- Stable platform for loading tips
- Can be used with 8 or 12 channel pipettors
- Lid can be positioned to expose only 96 tips
- Available Tips: 10 µl LongReach and 200 µl Standardization



Platinum Reload System

- Saves space
- Less waste – environmentally friendly
- Durable, reusable, open-style hinged racks
- No special transfer device needed
- Fit other similar reload system racks
- Clear reload packaging = easy tip identification
- Available Tips: 10 µl LongReach; 200 µl Standardization; 300 µl NX; and 1000 µl XT (50-1250 µl)



QuickRack Environmental Packaging

- Quickly loads 96 tips into empty racks
- Compatible with most manufacturers' racks
- Reduces waste
- Available Tips: 10 µl Ultra G; 10 µl LongReach; 200 µl Standardization; and 1000 µl XT (50-1250 µl)



Gel Loading Tip Packaging

- Gel loading tip racks (each rack is a single 'pack' of 200 tips) are color coded by outside tip diameter.
  - White racks – Round (0.57 mm O.D.) tips
  - Yellow racks – Flat (0.37 mm O.D.) tips
  - Blue racks – Flat (0.17 mm O.D.) tips
- MµltiFlex™ (1-200 µl) gel loading tips are available bulk (round) and racked (round and flat)
- MiniFlex (0.1-10 µl) gel loading tips are available racked (round and flat)

MµltiGuard™ Barrier Tips

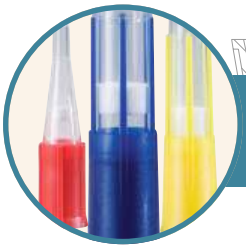


- **Ideal for PCR, DNA amplification and radioisotope handling**
- **Inert, hydrophobic barrier prevents pipettor contamination**
- **Over-pipetting will not contaminate valuable samples**
- **Universal fit on research-grade pipettors**
- **Filter contains no leachable additives**
- **Small micron pore sizes, <20 microns**

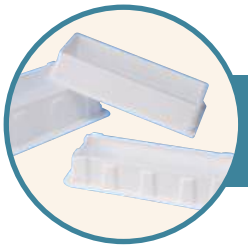
MµltiGuard Barrier Tips effectively block aerosols without the risk of contaminating your sample with additives.

Visit www.sorbio.com to view studies where MµltiGuard Barrier Tips prevent anthrax and radioactive contamination.

Also see how a cellulose additive contained in competitors' tips inhibits PCR.



OneTouch Barrier Tips: See page 6.



Reservoirs: See page 38.

LOW BINDING POLYMER TECHNOLOGY

- **Creates hydrophobic surface to reduce surface tension**
- **Minimal sample binding**
- **Improves accuracy and precision**
- **No additives such as silicone**
- **No leaching and subsequent sample degradation**

SEE THE DIFFERENCE!



Conventional low retention tips bind the sample



Low-binding tips dispense the entire sample

Scientific tests demonstrate that low binding polymer technology binds less DNA and protein than conventional and low retention tips.

DNA Binding: The relative binding of DNA by several manufacturers' pipette tips (three conventional tips and three low retention tips) was measured by slowly pipetting 100 µl of ABI Big Dye® Terminator Ready Reaction Mix (Applied Biosystems). Tips were subsequently washed in 625 µl of ddH_2O in a spectrophotometer sample tube and analyzed with a DU-70 spectrophotometer (Beckman-Coulter) at 260 nm wavelength.

Results: Low binding tips experience as much as a tenfold decrease in DNA binding compared to conventional tips and a fourfold decrease in bound DNA compared to the best low retention tips. Performance is not compromised after autoclaving (data not shown).

Protein Binding: The relative binding of protein by several manufacturers' pipette tips (three conventional tips and three low retention tips) was measured by pipetting 100 µl of 10 mg/µl bovine serum albumin (New England Biolabs, Beverly, MA). Tips were subsequently washed in 625 µl of ddH_2O in a spectrophotometer sample tube and analyzed with a DU-70 spectrophotometer (Beckman-Coulter) at 280 nm wavelength.

Results: Low binding tips exhibit as much as a threefold decrease in protein binding compared to conventional and low retention tips and performance is not compromised after autoclaving (data not shown).

MultiGuard™ Barrier Tips

	Cat. No.	Vol. Range	Type	Graduations	Packaging	Pack Type	Quantity
10 µl ultra G						Cell Rack	
	28200	0.1-10 µl	Standard	2, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	28200T	0.1-10 µl	Low Binding	2, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
10 µl LongReach						Cell Rack	
	38000	0.1-10 µl	Standard	2, 5, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	38000T	0.1-10 µl	Low Binding	2, 5, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
10 µl E						Cell Rack	
	15020	0.5-10 µl	Standard	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	15020T	0.5-10 µl	Low Binding	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
20 µl						Cell Rack	
	14210	1-20 µl	Standard	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	14210T	1-20 µl	Low Binding	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
100 µl						Cell Rack	
	36060	1-100 µl	Standard	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	36060T	1-100 µl	Low Binding	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
200 µl						Cell Rack	
	14220	1-200 µl	Standard	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	14220T	1-200 µl	Low Binding	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
200 µl NX						Cell Rack	
	30550	1-200 µl	Standard	10, 50, 100 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	30550T	1-200 µl	Low Binding	10, 50, 100 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
200 µl MultiGuard 3*						Cell Rack	
	17370-X	1-200 µl	Standard	10, 50, 100, 200 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	17370T-X	1-200 µl	Low Binding	10, 50, 100, 200 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
300 µl XT						Cell Rack	
	30510-X	1-300 µl	Standard	10, 50,100, 200 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	30510T-X	1-300 µl	Low Binding	10, 50,100, 200 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
1000 µl						Standard Rack	
	14200	100-1000 µl	Standard	No Graduations	Sterile, 100 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	14200T	100-1000 µl	Low Binding	No Graduations	Sterile, 100 Tips/Rack		10 Racks/Pack, 5 Packs/Case
1000 µl XT						Hinged Rack	
	34000	50-1250 µl	Standard	200, 500, 1000 µl	Sterile, 96 Tips/Rack		8 Racks/Pack, 5 Packs/Case

**** This unique extended length tip allows standardization across a wide range of 20 µl, 50 µl, 100 µl and 200 µl pipettors.***

OneTouch Tips

A truly universal tip that fits virtually any pipettor – OneTouch tips provide an innovative, ergonomic and environmentally friendly liquid handling solution.



Innovative – Pipetting like you've never felt it

A revolutionary tip that is manufactured from two resins, OneTouch tips provide a soft color-coded top collar and a rigid, ultra-clear polypropylene body.

Ergonomic – Soft tip requires less pressure to create an optimal seal

Tips reduce the necessary sealing and reciprocal ejection force felt with traditional single resin polypropylene tips. Tips are excellent for multichannel pipettors, and reduce pipettor wear.

Environmentally Sensitive: e•dek™ packaging

Sorenson BioScience introduces a true environmental solution, plastic-free racks. e•dek racks are made of paperboard sourced from sustainable forests and are printed with soy and vegetable based inks. Biodegradable racks are fully recyclable with existing paperboard recycling programs. Just flatten used racks and toss them into the recycling bin.

Packaging and Compatibility



- Two types of packaging:
  - Traditional polypropylene racks
  - Environmentally friendly e•dek paperboard racks
- Four tips accommodate a wide range of research-grade pipettors:
  - 3 µl (0.1-3 µl), compatible with most popular 0.1-3 µl research-grade pipettors
  - 10 µl (1-20 µl), compatible with most popular 2 µl, 10 µl and 20 µl research-grade pipettors
  - 200 µl (1-330 µl), compatible with most popular 200-300 µl research-grade pipettors
  - 1000 µl (50-1250 µl), compatible with most popular 1000 µl research-grade pipettors



OneTouch-Compatible BenchTop Pipettor: See page 22.

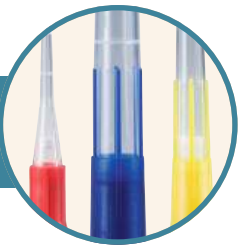
OneTouch Tips

	Cat. No.	Vol. Range	Type	Graduations	Packaging	Pack Type	Quantity
3 µl Standard						Cell Rack	
	78450	0.1- 3 ul	Standard	1 ul	Non-Sterile, 96 Tips/Rack		10 Racks/Pack; 5 Packs/Case
	78490	0.1- 3 ul	Standard	1 ul	Sterile, 96 Tips, Rack		10 Racks/Pack; 5 Packs/Case
3 µl Barrier						Cell Rack	
	78510	0.1- 3 ul	Barrier	1 ul	Sterile, 96 Tips, Rack		10 Racks/Pack; 5 Packs/Case
10 µl Standard						Cell Rack	
	10300	1-20 µl	Standard	1 µl, 5 µl, 10 µl	Non-Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	10310	1-20 µl	Standard	1 µl, 5 µl, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	10390	1-20 µl	Standard	1 µl, 5 µl, 10 µl	Sterile, 96 Tips/Rack	e•dek	10 Racks/Pack, 5 Packs/Case
10 µl Barrier						Cell Rack	
	10320	1-20 µl	Barrier	1 µl, 5 µl, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	10400	1-20 µl	Barrier	1 µl, 5 µl, 10 µl	Sterile, 96 Tips/Rack	e•dek	10 Racks/Pack, 5 Packs/Case
200 µl Standard						Cell Rack	
	10330	1-330 µl	Standard	10 µl, 50 µl, 100 µl	Non-Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	10340	1-330 µl	Standard	10 µl, 50 µl, 100 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	10410	1-330 µl	Standard	10 µl, 50 µl, 100 µl	Sterile, 96 Tips/Rack	e•dek	10 Racks/Pack, 5 Packs/Case
200 µl Barrier						Cell Rack	
	10350	1-330 µl	Barrier	10 µl, 50 µl, 100 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	10420	1-330 µl	Barrier	10 µl, 50 µl, 100 µl	Sterile, 96 Tips/Rack	e•dek	10 Racks/Pack, 5 Packs/Case
1000 µl Standard						Hinged Rack	
	10360	50-1250 µl	Standard	200 µl, 500 µl, 1000 µl	Non-Sterile, 96 Tips/Rack		8 Racks/Pack, 5 Packs/Case
	10370	50-1250 µl	Standard	200 µl, 500 µl, 1000 µl	Sterile, 96 Tips/Rack		8 Racks/Pack, 5 Packs/Case
	10450	50-1250 µl	Standard	200 µl, 500 µl, 1000 µl	Sterile, 64 Tips/Rack	e•dek	12 Racks/Pack, 1 Pack/Case
1000 µl Barrier						Hinged Rack	
	10380	50-1250 µl	Barrier	200 µl, 500 µl, 1000 µl	Sterile, 96 Tips/Rack		8 Racks/Pack, 5 Packs/Case
	10460	50-1250 µl	Barrier	200 µl, 500 µl, 1000 µl	Sterile, 64 Tips/Rack	e•dek	12 Racks/Pack, 1 Pack/Case

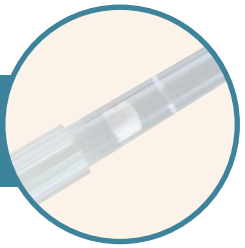
Ultra-Micro and Standard Universal Fit Pipette Tips

Trust Sorenson brand pipette tips in your research. Tips are manufactured from the finest raw materials using precise production techniques that provide consistent quality performance. Primary products are made from virgin polymers and contain no recycled, reprocessed, or altered plastics.

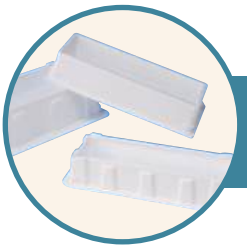
- Universal fit on research grade pipettors
- Accurate, precise and reliable
- Exceptional clarity
- Certified ***free*** of RNase, DNase, Human DNA and pyrogens
- Extended length tips enable users to reach the bottom of tubes without contaminating pipettors
- Graduated tips provide visible reference points
- Racked on 9 mm centers, pipette tips provide multichannel convenience



OneTouch Tips: See page 6.



MµltiGµard™ Barrier Tips: See page 4.

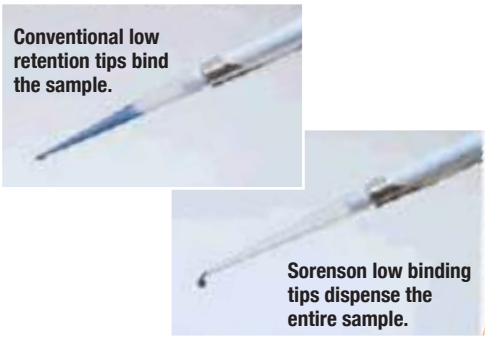


Reservoirs: See page 38.

LOW BINDING POLYMER TECHNOLOGY

- **Creates hydrophobic surface to reduce surface tension**
- **Minimal sample binding**
- **Improves accuracy and precision**
- **No additives such as silicone**
- **No leaching and subsequent sample degradation**

SEE THE DIFFERENCE!



Scientific tests demonstrate that low binding polymer technology binds less DNA and protein than conventional and low retention tips.

DNA Binding: The relative binding of DNA by several manufacturers' pipette tips (three conventional tips and three low retention tips) was measured by slowly pipetting 100 µl of ABI Big Dye® Terminator Ready Reaction Mix (Applied Biosystems). Tips were subsequently washed in 625 µl of ddH_2O in a spectrophotometer sample tube and analyzed with a DU-70 spectrophotometer (Beckman-Coulter) at 260 nm wavelength.

Results: Low binding tips experience as much as a tenfold decrease in DNA binding compared to conventional tips and a fourfold decrease in bound DNA compared to the best low retention tips. Performance is not compromised after autoclaving (data not shown).

Protein Binding: The relative binding of protein by several manufacturers' pipette tips (three conventional tips and three low retention tips) was measured by pipetting 100 µl of 10 mg/µl bovine serum albumin (New England Biolabs, Beverly, MA). Tips were subsequently washed in 625 µl of ddH_2O in a spectrophotometer sample tube and analyzed with a DU-70 spectrophotometer (Beckman-Coulter) at 280 nm wavelength.

Results: Low binding tips exhibit as much as a threefold decrease in protein binding compared to conventional and low retention tips and performance is not compromised after autoclaving (data not shown).

Ultra-Micro Tips

	Cat. No.	Vol. Range	Type	Color	Graduations	Packaging	Pack Type	Quantity
10 µl µltra G								
	23580	0.1-10 µl	Standard	Natural	2, 10 µl	Non-Sterile, Bulk	Bulk Pack 	1000 Tips/Bag, 10 Bags/Case
	23580T	0.1-10 µl	Low Binding	Natural	2, 10 µl	Non-Sterile, Bulk		1000 Tips/Bag, 10 Bags/Case
	23560	0.1-10 µl	Standard	Natural	2, 10 µl	Non-Sterile, 96 Tips/Rack	Cell Rack 	10 Racks/Pack, 5 Packs/Case
	23560T	0.1-10 µl	Low Binding	Natural	2, 10 µl	Non-Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	23570	0.1-10 µl	Standard	Natural	2, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	23570T	0.1-10 µl	Low Binding	Natural	2, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	30470	0.1-10 µl	Standard	Natural	2, 10 µl	Non-Sterile, Reload	QuickRack 	960 Tips/Pack, 5 Packs/Case
	30470T	0.1-10 µl	Low Binding	Natural	2, 10 µl	Non-Sterile, Reload		960 Tips/Pack, 5 Packs/Case
10 µl LongReach 								
	37650	0.1-10 µl	Standard	Natural	2, 5, 10 µl	Non-Sterile, Bulk	Bulk Pack 	1000 Tips/Bag, 10 Bags/Case
	37650T	0.1-10 µl	Low Binding	Natural	2, 5, 10 µl	Non-Sterile, Bulk		1000 Tips/Bag, 10 Bags/Case
	37640	0.1-10 µl	Standard	Natural	2, 5, 10 µl	Non-Sterile, 96 Tips/Rack	Cell Rack 	10 Racks/Pack, 5 Packs/Case
	37640T	0.1-10 µl	Low Binding	Natural	2, 5, 10 µl	Non-Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	37660	0.1-10 µl	Standard	Natural	2, 5, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	37660T	0.1-10 µl	Low Binding	Natural	2, 5, 10 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	27780	0.1-10 µl	Standard	Natural	2, 5, 10 µl	Non-Sterile	TipStation 	960 Tips/Stack, 5 Stacks/Case
	27780T	0.1-10 µl	Low Binding	Natural	2, 5, 10 µl	Non-Sterile		960 Tips/Stack, 5 Stacks/Case
	27790	0.1-10 µl	Standard	Natural	2, 5, 10 µl	Sterile		960 Tips/Stack, 5 Stacks/Case
	27790T	0.1-10 µl	Low Binding	Natural	2, 5, 10 µl	Sterile		960 Tips/Stack, 5 Stacks/Case
	70500	0.1-10 µl	Standard	Natural	2, 5, 10 µl	Non-Sterile, 96 Tips/Deck	Platinum Reload 	10 Decks/Pack, 4 Packs/Case
	70600	0.1-10 µl	Low Binding	Natural	2, 5, 10 µl	Non-Sterile, 96 Tips/Deck		10 Decks/Pack, 4 Packs/Case
	70700	0.1-10 µl	Standard	Natural	2, 5, 10 µl	Non-Sterile, 96 Tips/Deck, Starter Kit		960 Tips/Case, 10 Empty Racks
	37820	0.1-10 µl	Standard	Natural	2, 5, 10 µl	Non-Sterile, Reload	QuickRack 	960 Tips/Pack, 5 Packs/Case
	37820T	0.1-10 µl	Low Binding	Natural	2, 5, 10 µl	Non-Sterile, Reload		960 Tips/Pack, 5 Packs/Case
10 µl E 								
	13980	0.5-10 µl	Standard	Natural	No Graduations	Non-Sterile, Bulk	Bulk Pack 	1000 Tips/Bag, 10 Bags/Case
	13980T	0.5-10 µl	Low Binding	Natural	No Graduations	Non-Sterile, Bulk		1000 Tips/Bag, 10 Bags/Case
	22220-E	0.5-10 µl	Standard	Natural	No Graduations	Non-Sterile, 96 Tips/Rack	Cell Rack 	10 Racks/Pack, 5 Packs/Case
	22220T	0.5-10 µl	Low Binding	Natural	No Graduations	Non-Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	22210	0.5-10 µl	Standard	Natural	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
	22210T	0.5-10 µl	Low Binding	Natural	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case

Standard Tips

200 µl

Cat. No.	Vol. Range	Type	Color	Graduations	Packaging	Pack Type	Quantity
10470	1-200 µl	Standard	Natural	No Graduations	Non-Sterile, Bulk	Bulk Pack	1000 Tips/Bag, 10 Bags/Case
10470T	1-200 µl	Low Binding	Natural	No Graduations	Non-Sterile, Bulk		1000 Tips/Bag, 10 Bags/Case
10500	1-200 µl	Standard	Natural	No Graduations	Non-Sterile, 96 Tips/Rack	Cell Rack	10 Racks/Pack, 5 Packs/Case
15270T	1-200 µl	Low Binding	Natural	No Graduations	Non-Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
10520	1-200 µl	Standard	Natural	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
10520T	1-200 µl	Low Binding	Natural	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
30450	1-200 µl	Standard	Natural	No Graduations	Non-Sterile, Reload	QuickRack	960 Tips/Pack, 5 Packs/Case
30450T	1-200 µl	Low Binding	Natural	No Graduations	Non-Sterile, Reload		960 Tips/Pack, 5 Packs/Case
10590	1-200 µl	Standard	Yellow	No Graduations	Non-Sterile, Bulk	Bulk Pack	1000 Tips/Bag, 10 Bags/Case
10620	1-200 µl	Standard	Yellow	No Graduations	Non-Sterile, 96 Tips/Rack	Cell Rack	10 Racks/Pack, 5 Packs/Case
10660	1-200 µl	Standard	Yellow	No Graduations	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
30460	1-200 µl	Standard	Yellow	No Graduations	Non-Sterile, Reload	QuickRack	960 Tips/Pack, 5Packs/Case

200 µl Standardization



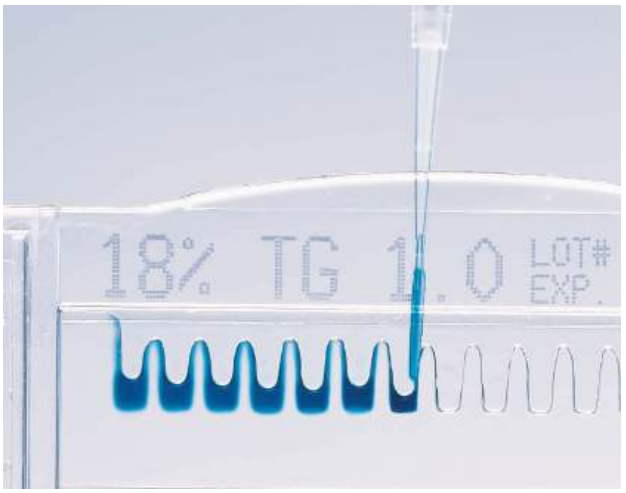
Cat. No.	Vol. Range	Type	Color	Graduations	Packaging	Pack Type	Quantity
15720	1-200 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile, Bulk	Bulk Pack	1000 Tips/Bag, 10 Bags/Case
15720T	1-200 µl	Low Binding	Natural	10, 50, 100 µl	Non-Sterile, Bulk		1000 Tips/Bag, 10 Bags/Case
15660	1-200 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Rack	Cell Rack	10 Racks/Pack, 5 Packs/Case
15660T	1-200 µl	Low Binding	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
15670	1-200 µl	Standard	Natural	10, 50, 100 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
15670T	1-200 µl	Low Binding	Natural	10, 50, 100µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
27760	1-200 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile	TipStation	960 Tips/Stack, 5 Stacks/Case
27760T	1-200 µl	Low Binding	Natural	10, 50, 100 µl	Non-Sterile		960 Tips/Stack, 5 Stacks/Case
27770	1-200 µl	Standard	Natural	10, 50, 100 µl	Sterile		960 Tips/Stack, 5 Stacks/Case
27770T	1-200 µl	Low Binding	Natural	10, 50, 100 µl	Sterile		960 Tips/Stack, 5 Stacks/Case
70510	1-200 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Deck	Platinum Reload	10 Decks/Pack, 4 Packs/Case
70610	1-200 µl	Low Binding	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Deck		10 Decks/Pack, 4 Packs/Case
70710	1-200 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Deck, Starter Kit		960 Tips/Case, 10 Empty Racks
30430	1-200 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile, Reload	QuickRack	960 Tips/Pack, 5 Packs/Case
30430T	1-200 µl	Low Binding	Natural	10, 50, 100 µl	Non-Sterile, Reload		960 Tips/Pack, 5 Packs/Case
15730	1-200 µl	Standard	Yellow	10, 50, 100 µl	Non-Sterile, Bulk	Bulk Pack	1000 Tips/Bag, 10 Bags/Case
15360	1-200 µl	Standard	Yellow	10, 50, 100 µl	Non-Sterile, 96 Tips/Rack	Cell Rack	10 Racks/Pack, 5 Packs/Case
15370	1-200 µl	Standard	Yellow	10, 50, 100 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
27720	1-200 µl	Standard	Yellow	10, 50, 100 µl	Non-Sterile	TipStation	960 Tips/Stack, 5 Stacks/Case
27730	1-200 µl	Standard	Yellow	10, 50, 100 µl	Sterile		960 Tips/Stack, 5 Stacks/Case
70520	1-200 µl	Standard	Yellow	10, 50, 100 µl	Non-Sterile, 96 Tips/Deck	Platinum Reload	10 Decks/Pack, 4 Packs/Case
70720	1-200 µl	Standard	Yellow	10, 50, 100 µl	Non-Sterile, 96 Tips/Deck, Starter Kit		960 Tips/Case, 10 Empty Racks
30440	1-200 µl	Standard	Yellow	10, 50, 100 µl	Non-Sterile, Reload	QuickRack	960 Tips/Pack, 5 Packs/Case

Standard Tips

Cat. No.	Vol. Range	Type	Color	Graduations	Packaging	Pack Type	Quantity
300 µl NX							
31770	1-300 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile, Bulk	Bulk Pack	1000 Tips/Bag, 10 Bags/Case
31770T	1-300 µl	Low Binding	Natural	10, 50, 100 µl	Non-Sterile, Bulk		1000 Tips/Bag, 10 Bags/Case
31780	1-300 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Rack	Cell Rack	10 Racks/Pack, 5 Packs/Case
31780T	1-300 µl	Low Binding	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
31790	1-300 µl	Standard	Natural	10, 50, 100 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
31790T	1-300 µl	Low Binding	Natural	10, 50, 100 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
70530	1-300 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Deck	Platinum Reload	10 Decks/Pack, 4 Packs/Case
70620	1-300 µl	Low Binding	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Deck		10 Decks/Pack, 4 Packs/Case
70730	1-300 µl	Standard	Natural	10, 50, 100 µl	Non-Sterile, 96 Tips/Deck, Starter Kit		960 Tips/Case, 10 Empty Racks
300 µl XT							
30800	1-300 µl	Standard	Natural	10, 50, 100, 200 µl	Non-Sterile, Bulk	Bulk Pack	1000 Tips/Bag, 10 Bags/Case
30800T	1-300 µl	Low Binding	Natural	10, 50, 100, 200 µl	Non-Sterile, Bulk		1000 Tips/Bag, 10 Bags/Case
30920	1-300 µl	Standard	Natural	10, 50, 100, 200 µl	Non-Sterile, 96 Tips/Rack	Cell Rack	10 Racks/Pack, 5 Packs/Case
30920T	1-300 µl	Low Binding	Natural	10, 50, 100, 200 µl	Non-Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
30930	1-300 µl	Standard	Natural	10, 50, 100, 200 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
30930T	1-300 µl	Low Binding	Natural	10, 50, 100, 200 µl	Sterile, 96 Tips/Rack		10 Racks/Pack, 5 Packs/Case
1000 µl*							
10200	100-1000 µl	Standard	Natural	No Graduations	Non-Sterile, 100 Tips/Rack	Standard Rack	10 Racks/Pack, 5 Packs/Case
10200T	100-1000 µl	Low Binding	Natural	No Graduations	Non-Sterile, 100 Tips/Rack		10 Racks/Pack, 5 Packs/Case
10230	100-1000 µl	Standard	Natural	No Graduations	Sterile, 100 Tips/Rack		10 Racks/Pack, 5 Packs/Case
10230T	100-1000 µl	Low Binding	Natural	No Graduations	Sterile, 100 Tips/Rack		10 Racks/Pack, 5 Packs/Case
10190	100-1000 µl	Standard	Natural	No Graduations	Non-Sterile, Bulk	Bulk Pack	1000 Tips/Bag, 10 Bags/Case
10190T	100-1000 µl	Low Binding	Natural	No Graduations	Non-Sterile, Bulk		1000 Tips/Bag, 10 Bags/Case
10040	100-1000 µl	Standard	Blue	No Graduations	Non-Sterile, Bulk		1000 Tips/Bag, 10 Bags/Case
10080	100-1000 µl	Standard	Blue	No Graduations	Non-Sterile, 100 Tips/Rack	Standard Rack	10 Racks/Pack, 5 Packs/Case
10130	100-1000 µl	Standard	Blue	No Graduations	Sterile, 100 Tips/Rack		10 Racks/Pack, 5 Packs/Case
1000 µl XT							
31610	50-1250 µl	Standard	Natural	200, 500,1000 µl	Non-Sterile, Bulk	Bulk Pack	768 Tips/Bag, 10 Bags/Case
34750	50-1250 µl	Standard	Natural	200, 500,1000 µl	Non-Sterile, 96 Tips/Rack	Hinged Rack	8 Racks/Pack, 5 Packs/Case
34760	50-1250 µl	Standard	Natural	200, 500,1000 µl	Sterile, 96 Tips/Rack		8 Racks/Pack, 5 Packs/Case
70540	50-1250 µl	Standard	Natural	200, 500,1000 µl	Non-Sterile, 96 Tips/Deck	Platinum Reload	8 Decks/Pack, 4 Packs/Case
70740	50-1250 µl	Standard	Natural	200, 500,1000 µl	Non-Sterile, 96 Tips/Deck, Starter Kit		768 Tips/Case, 8 Empty Racks
34770	50-1250 µl	Standard	Natural	200, 500,1000 µl	Non-Sterile, Reload	QuickRack	768 Tips/Pack, 5 Packs/Case

1000 µl tip racks are not configured on 9 mm centers; 1000 µl XT tip racks ARE configured on 9 mm centers and accommodate multichannel pipetting.

Gel Loading Tips



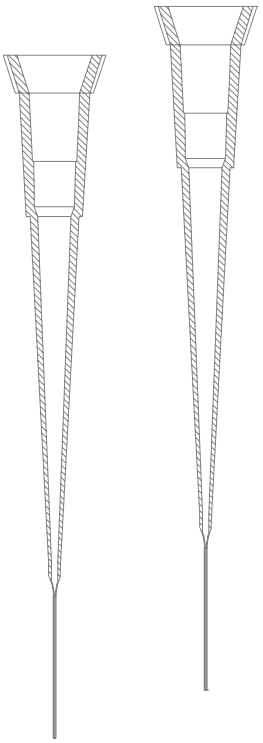
Sorenson is ***THE*** trusted manufacturer of gel loading tips. Sorenson's MultiFlex™ and MiniFlex gel loading tips have become the industry standard and have been used globally in genetic sequencing studies.

MµltiFlex Tips (1-200 µl):

- Universal fit on research-grade pipettors
- 83 mm length for access to bottom of narrow vessels and gel wells
- 5 µl graduation for volume QuickCheck
- Available in bulk (round) and racked (round and flat)

MiniFlex Tips (0.1-10 µl):

- Universal fit on ultra-micro pipettors
- 45 mm length for access to bottom of narrow vessels and gel wells.
- 2 µl graduation for volume QuickCheck
- Available racked (round and flat)





White racks – Round (0.57 mm O.D.) tips
Yellow racks – Flat (0.37 mm O.D.) tips
Blue racks – Flat (0.17 mm O.D.) tips

Gel Loading Tips

	Cat. No.	Vol. Range	Orifice Shape	Orifice O.D.*	Graduations	Packaging	Pack Type**	Quantity
10 µl MiniFlex 	15100	0.1-10 µl	Round	0.57 mm	2 µl	Racked, Non-Sterile	Flex Rack 	200 Tips/Pack, 4 Packs/Case
	15110	0.1-10 µl	Round	0.57 mm	2 µl	Racked, Sterile		200 Tips/Pack, 4 Packs/Case
	15120	0.1-10 µl	Flat	0.37 mm	2 µl	Racked, Non-Sterile	Flex Rack 	200 Tips/Pack, 4 Packs/Case
	15130	0.1-10 µl	Flat	0.37 mm	2 µl	Racked, Sterile		200 Tips/Pack, 4 Packs/Case
	17350	0.1-10 µl	Flat	0.17 mm	2 µl	Racked, Non-Sterile	Flex Rack 	200 Tips/Pack, 4 Packs/Case
	17360	0.1-10 µl	Flat	0.17 mm	2 µl	Racked, Sterile		200 Tips/Pack, 4 Packs/Case
200 µl MµltiFlex 	28480	1-200 µl	Round	0.57 mm	5 µl	Bulk, Non-Sterile	Bulk Pack 	1000 Tips/Bag, 10 Bags/Case
	13790	1-200 µl	Round	0.57 mm	5 µl	Racked, Non-Sterile	Flex Rack 	200 Tips/Pack, 4 Packs/Case
	13810	1-200 µl	Round	0.57 mm	5 µl	Racked, Sterile		200 Tips/Pack, 4 Packs/Case
	13760	1-200 µl	Flat	0.37 mm	5 µl	Racked, Non-Sterile	Flex Rack 	200 Tips/Pack, 4 Packs/Case
	13770	1-200 µl	Flat	0.37 mm	5 µl	Racked, Sterile		200 Tips/Pack, 4 Packs/Case
	17310	1-200 µl	Flat	0.17 mm	5 µl	Racked, Non-Sterile	Flex Rack 	200 Tips/Pack, 4 Packs/Case
	17320	1-200 µl	Flat	0.17 mm	5 µl	Racked, Sterile		200 Tips/Pack, 4 Packs/Case

**.37 mm O.D. tips are for use with 0.4 mm gels; .17 mm O.D. tips are for use wtih 0.2 mm gels*
***Gel Loading Tip Packaging: an individual pack is a tip rack of 200 tips*

Tip Compatibility Chart

	Single/ Multichannel Compatibility*	ULTRA-MICRO AND STANDARD TIPS											
		10 µl µltra G	10 µl E	10 µl LongReach	10 µl OneTouch	200 µl	200 µl Standardization	200 µl OneTouch	300 µl NX	300 µl XT	1000 µl†	1000 µl XT	1000 µl OneTouch
BioHit													
mLine 3 µl	SC	■		■	■								
mLine 10 µl	SC/MC	■	■	■	■								
mLine 20 µl	SC					■	■	■	■	■			
mLine 100 µl	SC/MC					■	■	■	■	■			
mLine 200 µl	SC					■	■	■	■	■			
mLine 300 µl	MC					■	■	■	■	■			
mLine 1000 µl	SC										■	■	■
ProLine® 3 µl	SC	■		■	■								
ProLine 10 µl	SC/MC	■	■	■	■								
ProLine 20 µl	SC					■	■	■	■	■			
ProLine 100 µl	SC/MC					■	■	■	■	■			
ProLine 200 µl	SC					■	■	■	■	■			
ProLine 300 µl	MC					■	■	■	■	■			
ProLine 1000 µl	SC										■	■	■
ProLine Mechanical 2.5 µl	SC	■	■	■	■								
ProLine Mechanical 50 µl	MC					■	■	■	■	■			
ProLine Mechanical 300 µl	MC							■	■	■			
eLine Advanced Electronic 10 µl	SC/MC	■	■	■	■								
eLine Advanced Electronic 120 µl	SC/MC					■	■	■	■	■			
eLine Advanced Electronic 300 µl	SC/MC							■	■				
eLine Advanced Electronic 1000 µl	SC										■	■	■
ePet Electronic 10 µl	SC/MC	■	■	■	■								
ePet Electronic 100 µl	SC					■	■	■	■	■			
ePet Electronic 100 µl	MC					■							
ePet Electronic 250 µl	MC					■	■						
ePet Electronic 1000 µl	SC										■	■	■
ProLine Electronic 10 µl	SC	■		■									
ProLine Electronic 100 µl	SC/MC					■	■	■	■	■			
ProLine Electronic 250 µl	SC					■	■	■	■	■			
ProLine Electronic 250 µl	MC							■	■	■			
ProLine Electronic 1000 µl	SC										■	■	■
Eppendorf													
Reference 2.5 µl	SC	■	■	■	■								
Reference 10 µl	SC	■	■	■	■								
Reference 20 µl	SC					■	■	■		■			
Reference 100 µl	SC					■	■	■		■			
Reference 200 µl	SC					■	■	■	■	■			
Reference 1000 µl	SC										■	■	■
Research 2.5 µl	SC	■	■	■	■								
Research 10 µl	SC	■	■	■	■								
Research 10 µl	MC	■	■		■								
Research 20 µl	SC					■	■	■		■			
Research 100 µl	SC					■	■	■		■			
Research 100 µl	MC					■	■			■			
Research 200 µl	SC					■	■	■	■	■			
Research 300 µl	MC									■			
Research 1000 µl	SC										■	■	■
Research Pro10 µl	SC/MC	■	■	■	■								
Research Pro 300 µl	SC					■	■	■	■	■			

SC = Compatible with single channel pipettors only; MC = compatible with multichannel only; SC/MC = Compatible with either single or multichannel.
†Tips compatible with single channel only.



BARRIER TIPS															GEL LOADING TIPS	
10 µl µltra G	10 µl E	10 µl LongReach	10 µl OneTouch	20 µl	100 µl	200 µl	200 µl NX	200 µl MultiGuard 3	200 µl OneTouch	300 µl XT	1000 µl†	1000 µl XT	1000 µl OneTouch	10 µl MiniFlex†	200 µl MultiFlex†
■		■	■											■	
■	■	■	■											■	
				■				■							■
					■			■		■					■
						■	■	■	■	■					■
						■	■	■	■	■					
												■	■		
■		■	■											■	
■	■	■	■											■	
				■				■							■
					■			■		■					■
						■	■	■	■	■					■
						■	■	■	■	■					
												■	■		
■	■	■	■											■	
						■	■	■	■	■					
									■	■					
				■	■			■		■					
									■						
											■	■	■		
■	■	■	■												
				■	■			■		■					
				■	■										
				■	■										
											■	■	■		
■		■													
					■	■	■	■	■	■					
				■	■				■	■					
									■	■					
											■	■	■		
	■													■	
■	■	■	■											■	
														■	
				■	■			■		■					■
				■	■			■		■					■
					■	■	■	■	■	■					■
												■	■		
	■													■	
■	■		■											■	
■	■		■												
				■	■			■		■					■
					■			■		■					■
					■	■		■		■					
						■	■	■	■	■					■
										■					
												■	■		
■	■	■	■											■	
				■	■	■	■	■	■	■					■

Tip Compatibility Chart

(continued)

	Single/ Multichannel Compatibility*	ULTRA-MICRO AND STANDARD TIPS											
		10 µl ultra G	10 µl E	10 µl LongReach	10 µl OneTouch	200 µl	200 µl Standardization	200 µl OneTouch	300 µl NX	300 µl XT	1000 µl†	1000 µl XT	1000 µl OneTouch
Eppendorf (continued)													
Research Pro 300 µl	MC					■							
Research Pro 1000 µl	SC										■	■	■
Research Plus 10 µl	SC	■	■	■	■								
Research Plus 10 µl	MC	■	■	■									
Research Plus 200 µl	SC					■	■	■	■	■			
Research Plus 300 µl	MC						■	■					
Research Plus 1000 µl	SC										■	■	■
Gilson													
Pipetman 10 µl	SC	■	■	■	■								
Pipetman 20 µl	SC					■	■			■			
Pipetman 100 µl	SC					■	■			■			
Pipetman 200 µl	SC					■	■	■	■	■			
Pipetman 1000 µl	SC										■	■	■
Pipetman Neo 2 µl	SC	■	■	■	■								
Pipetman Neo 10 µl	SC	■	■	■	■								
Pipetman Neo 100 µl	SC					■	■			■			
Pipetman Neo 200 µl	SC					■	■	■	■	■			
Pipetman Neo 1000 µl	SC										■	■	■
Pipetman Ultra 100 µl	SC					■	■			■			
Labnet													
Labpette 2 µl	SC	■	■	■	■								
Labpette 10 µl	SC/MC	■	■	■	■								
Labpette 20 µl	SC					■	■	■	■	■			
Labpette 50 µl	MC					■	■	■	■	■			
Labpette 100 µl	SC												
Labpette 200 µl	SC					■	■	■	■	■			
Labpette 200 µl	MC					■	■	■	■	■			
Labpette 300 µl	MC					■	■	■	■	■			
Labpette 1000 µl	SC										■	■	■
Rainin													
Pipet-Plus Latch Mode 2 µl	SC	■		■	■								
Pipet-Plus Latch Mode 10 µl	SC	■	■	■	■								
Pipet-Plus Latch Mode 20 µl	SC					■	■			■			
Pipet-Plus Latch Mode100 µl	SC					■	■						
EDP 10 µl	SC	■		■	■								
EDP 20 µl	SC					■	■			■			
EDP 25 µl	SC					■	■			■			
EDP 100 µl	SC					■	■	■	■	■			
EDP 200 µl	SC					■	■	■		■			
EDP 250 µl	SC							■	■	■			
EDP 1000 µl	SC										■	■	■
Socorex													
Acura 2 µl	SC	■	■	■	■								
Acura 10 µl	SC/MC			■	■								
Acura 20 µl	SC					■	■			■			
Acura 50 µl	SC/MC					■	■	■		■			
Acura 100 µl	SC					■	■	■		■			
Acura 200 µl	SC/MC					■	■	■	■	■			
Acura 1000 µl	SC										■	■	■

SC = Compatible with single channel pipettors only; MC = compatible with multichannel only; SC/MC = Compatible with either single or multichannel.
†Tips compatible with single channel only.



BARRIER TIPS														GEL LOADING TIPS	
10 µl µltra G	10 µl E	10 µl LongReach	10 µl OneTouch	20 µl	100 µl	200 µl	200 µl NX	200 µl MultiGuard 3	200 µl OneTouch	300 µl XT	1000 µl†	1000 µl XT	1000 µl OneTouch	10 µl MiniFlex†	200 µl MultiFlex†
											■	■	■		
■	■	■	■											■	
■	■	■													
				■	■	■	■	■	■	■					■
									■						
											■	■	■		
■	■	■	■											■	
				■				■							■
					■			■							■
						■	■	■	■	■					■
											■	■	■		
■	■	■	■												
■	■	■	■											■	
					■			■							
						■	■	■	■	■					
					■					■					■
■	■	■	■											■	
■	■	■	■											■	
				■				■							
				■				■							
					■										
						■	■	■	■	■					■
				■	■	■	■	■	■	■					
					■	■	■	■	■	■					
												■	■		
■		■	■											■	
■	■	■	■											■	
				■				■							■
				■	■										■
■														■	
				■				■							
								■							■
				■	■		■	■							■
						■	■	■	■	■					■
									■	■					
												■	■		
■	■	■	■											■	
		■	■												
				■				■							■
					■			■		■					■
					■			■		■					■
						■	■	■	■	■					■
												■	■		

SAFESEAL Microcentrifuge Tubes

Clearly the strongest tube, SafeSeal Microcentrifuge Tubes incorporate superior clarity with phenomenal strength.





- **Superior clarity**
- **RCF rating of 24,000 x g**
- **Temperature rating from -80°C to +121°C**
- **Fit all standard rotors**
- **Autoclavable**
- **WILL NOT POP OPEN DURING BOILING OR FREEZING**

Glass-like clarity allows easy viewing of sample and pellets. Ideal for high-speed centrifugation, proprietary homopolymer polypropylene tubes are rated up to 24,000 x g. Trust SafeSeal microcentrifuge tubes with your most valuable samples. A positive seal design allows repeated cap closures that will not pop during boiling. All tubes feature external graduation marks and frosted writing surfaces. Available in natural and five additional colors. Side gated tubes offer a clearer pellet view and increased strength over traditional style tubes.

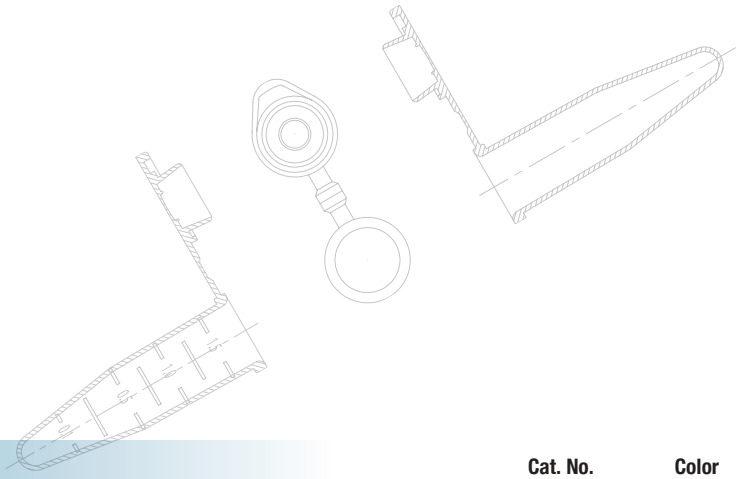


Low binding tubes: See page 20.

SAFESEAL Microcentrifuge Tubes

	Cat. No.	Color	Packaging	Quantity
0.65 ml SAFESEAL Microcentrifuge Tubes	11160	Natural	Non-Sterile, Bulk Pack (Box)	1,000 Tubes/Bag, 10 Packs/Case
	11150	Natural	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
	11120-E	Red	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
	11060	Blue	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
	11080	Green	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
	11190	Yellow	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
	11170	Purple	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
	11210-E	Rainbow Pack*	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
	***Rainbow pack consists of 200 tubes each of red, blue, green, yellow and purple.**			
1.7 ml SAFESEAL Microcentrifuge Tubes	11500	Natural	Non-Sterile, Bulk Pack (Box)	500 Tubes/Bag, 10 Packs/Case
	11510	Natural	Non-Sterile, Bulk Bag	500 Tubes/Bag, 10 Bags/Case
	11490	Red	Non-Sterile, Bulk Bag	500 Tubes/Bag, 10 Bags/Case
	11430-E	Blue	Non-Sterile, Bulk Bag	500 Tubes/Bag, 10 Bags/Case
	11450	Green	Non-Sterile, Bulk Bag	500 Tubes/Bag, 10 Bags/Case
	11560	Yellow	Non-Sterile, Bulk Bag	500 Tubes/Bag, 10 Bags/Case
	16620	Purple	Non-Sterile, Bulk Bag	500 Tubes/Bag, 10 Bags/Case
	11590	Rainbow Pack*	Non-Sterile, Bulk Bag	500 Tubes/Bag, 10 Bags/Case
	***Rainbow pack consists of 100 tubes each of red, blue, green, yellow and purple.**			
2.0 ml SAFESEAL Microcentrifuge Tubes	12030	Natural	Non-Sterile, Bulk Pack (Box)	400 Tubes/Bag, 10 Packs/Case
	12000	Natural	Non-Sterile, Bulk Bag	400 Tubes/Bag, 10 Bags/Case
	11980	Red	Non-Sterile, Bulk Bag	400 Tubes/Bag, 10 Bags/Case
	11920	Blue	Non-Sterile, Bulk Bag	400 Tubes/Bag, 10 Bags/Case
	11940	Green	Non-Sterile, Bulk Bag	400 Tubes/Bag, 10 Bags/Case
	12040	Yellow	Non-Sterile, Bulk Bag	400 Tubes/Bag, 10 Bags/Case
	12020	Purple	Non-Sterile, Bulk Bag	400 Tubes/Bag, 10 Bags/Case
	12060	Rainbow Pack*	Non-Sterile, Bulk Bag	400 Tubes/Bag, 10 Bags/Case
	***Rainbow pack consists of 80 tubes each of red, blue, green, yellow and purple.**			

Low Binding Microcentrifuge Tubes



- RCF rating of 24,000 x g
- Temperature rating from -80˚C to +121˚C
- Low protein binding, ideal for Proteomics
- Non-reactive
- Will not pop during boiling or freezing
- Complete sample recovery
- Autoclavable

	Cat. No.	Color	Packaging	Quantity
0.65 ml Low Binding Microcentrifuge Tubes 	11300	Natural	Non-Sterile, Pack Box	500 Tubes/Pack, 10 Packs/Case
1.7 ml Low Binding Microcentrifuge Tubes 	39640T	Natural	Non-Sterile, Pack Box	250 Tubes/Pack, 10 Packs/Case
2.0 ml Low Binding Microcentrifuge Tubes 	12160	Natural	Non-Sterile, Pack Box	200 Tubes/Pack, 10 Packs/Case

Dolphin Microcentrifuge Tubes



- Ideal design for pelletizing samples
- RCF rating of 15,000 x g
- Temperature rating from -80˚C to +121˚C
- Will not pop during boiling or freezing
- Fit all standard rotors
- Autoclavable

	Cat. No.	Color	Packaging	Quantity
2.0 ml Dolphin Microcentrifuge Tubes	16140	Natural	Non-Sterile, Bulk	1,000 Tubes/Bag, 5 Bags/Case

µltra Racks



- Supports up to 48 tubes in an alpha-numeric configuration
- Non-skid rubber feet hold the rack in place
- Manufactured from 100% recycled polypropylene

	Cat. No.	Fits Tube Size	Capacity	Quantity
µltra Rack Microcentrifuge Tube and Vial Racks	15170 15190	0.5 ml, 0.65 ml 1.5 ml, 1.7 ml	48 Tubes 48 Tubes	6 Racks/Case 6 Racks/Case



See next page for BenchTop Pipettor.

BenchTop Pipettor

Accelerate Liquid Transfers with the 96/384 BenchTop Pipettor

- Cell culture
- Plate replication
- Plate reformatting
- Adding reagents/compounds
- Multi-step dispensing
- Mixing with variable volumes and cycles
- Increase productivity
- 250 µl dispensing precision: <2% at 25-250 µl; <10% at 5-20 µl
- 250 µl dispensing accuracy: ±4% at 25-250 µl; ±6% at 5-20 µl
- 20 µl dispensing precision: <3% @ 5-20 µl; <5% @ 1-5 µl
- 20 µl dispensing accuracy: ± 3% @ 5-20 µl; ± 5% @ 1-5 µl



Now available in two volume ranges: 20 µl (1-20 µl) and 250 µl (5-250 µl)



Cat. No.	Description	Volume	Quantity
73990	20 µl BenchTop Pipettor	1-20 µl	1 Unit
74000	20 µl BenchTop Pipettor in hard shell travel case	1-20 µl	1 Unit
73960	250 µl BenchTop Pipettor	5-250 µl	1 Unit
73970	250 µl BenchTop Pipettor in hard shell travel case	5-250 µl	1 Unit

Related Products

OneTouch Tips

The BenchTop Pipettor has been designed for use with Sorenson pipette tips. Our unique tips are designed to create an ergonomic, leak-proof seal. Sealing across 96 tips has never been easier than with the BenchTop Pipettor. Compatible Sorenson pipette tips include both OneTouch Tips and the new single resin 250 µl BenchTop Pipette Tip.

	Cat. No.	Description	Quantity
10 µl OneTouch Tips *For use with the 20 µl BenchTop Pipettor*  	10300	OneTouch Non-Sterile, 10 µl Pipette Tip	960 Tips/Pack, 5 Packs/Case
	10310	OneTouch Sterile, 10 µl Pipette Tip	960 Tips/Pack, 5 Packs/Case
	10320	OneTouch Sterile, Barrier, 10 µl Pipette Tip	960 Tips/Pack, 5 Packs/Case
200 µl OneTouch Tips *For use with the 250 µl BenchTop Pipettor*  	10330	OneTouch Non-Sterile, 200 µl Pipette Tip	960 Tips/Pack, 5 Packs/Case
	10340	OneTouch Sterile, 200 µl Pipette Tip	960 Tips/Pack, 5 Packs/Case
	10350	OneTouch Sterile, Barrier, 200 µl Pipette Tip	960 Tips/Pack, 5 Packs/Case
Low Binding 250 µl BenchTop Tips *For use with the 250 µl BenchTop Pipettor*  	73750T	250 µl BenchTop Pipette Tip, Low Binding	960 Tips/Pack, 5 Packs/Case
	73760T	250 µl BenchTop Pipette Tip, Sterile, Low Binding	960 Tips/Pack, 5 Packs/Case
	73770T	250 µl BenchTop Pipette Tip, Sterile, Barrier, Low Binding	960 Tips/Pack, 5 Packs/Case

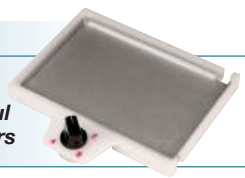
Disposable HTS Reagent Reservoirs and Reservoir Holder

HTS Reagent Reservoirs are designed for use in high throughput screening and are made of FDA grade polystyrene. All HTS Reagent Reservoirs are sterile and individually wrapped. The re-usable Reservoir Holder is on an SBS Footprint and is designed to lock reservoirs steadily and securely in place for use with the BenchTop Pipettor.

	Cat. No.	Description	Quantity
	74020	Reservoir Holder, Open Basin, SBS Footprint, Black	10/Case
	74010	96-Well Diamond-Bottom, Low Profile Reservoir, 75 ml, Sterile, White	100/Case, with 2 Holders
	74030	96-Well Diamond-Bottom, Deep Well Reservoir, 200 ml, Sterile, White	50/Case, with 2 Holders

BenchTop Indexing Device

The BenchTop Indexing Device adapts the BenchTop Pipettor for use with 384-well plates.

	Cat. No.	Description	Quantity
For use with both the 20 µl and 250 µl BenchTop Pipettors 	73980	BenchTop Indexing Device	1 Unit

µltraAMP™ PCR Products



µltraAmp™

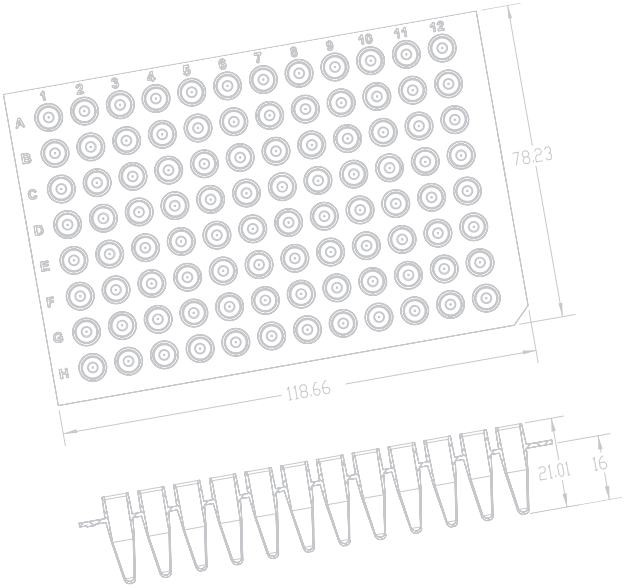
µltraAMP PCR Products

Sorenson BioScience, Inc. manufactures a comprehensive line for all PCR applications. From low-throughput applications requiring tubes to high-throughput applications involving 384-well plates, Sorenson offers high-quality solutions.

Thin wall 0.2 ml tubes, 0.2 ml µltraStrips, and .65 ml µltraTubes maximize PCR accuracy and reduce cycle times by providing uniform, rapid thermal transfer. All tubes fit most 0.2 ml and 0.5 ml thermal cycler blocks.

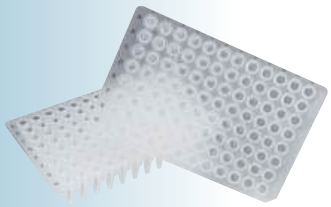
Bold-printed PCR plates fit leading thermal cyclers, DNA sequencing/detection instruments, and Real-Time PCR instruments. Precision-designed molds and tightly controlled processes create high quality plates with minimal warp before and after thermal cycling. Tight manufacturing tolerances and SBS standard dimensions make Sorenson BioScience PCR plates ideal for automated processes.

Trust Sorenson BioScience PCR plates with your most valuable samples. State-of-the-art instruments check every well of every plate for molding irregularities that can compromise PCR performance. In addition, all products are certified RNase/DNase-Free, Human DNA/PCR Inhibitor-Free, and non-pyrogenic.



µltraAMP™ PCR Plates

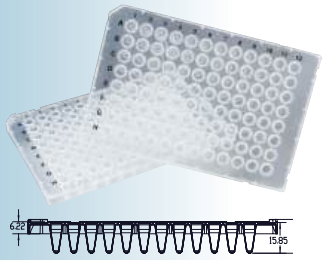
96-Well µltra Plate



- Fits most popular thermal cyclers
- Slightly raised rims around wells for maximum sealing surface
- Easily cut

Cat. No.	Description	Plate Color	Packaging
26190	0.2 ml Rigid 96-Well µltra Plate	Natural	25 Plates/Pack, 4 Packs/Case
21970	0.2 ml Rigid 96-Well µltra Plate	Natural	25 Plates/Pack, 1 Pack/Case
21980	0.2 ml Rigid 96-Well µltra Plate	Red	25 Plates/Pack, 1 Pack/Case
21990	0.2 ml Rigid 96-Well µltra Plate	Blue	25 Plates/Pack, 1 Pack/Case
22000	0.2 ml Rigid 96-Well µltra Plate	Green	25 Plates/Pack, 1 Pack/Case
22010	0.2 ml Rigid 96-Well µltra Plate	Yellow	25 Plates/Pack, 1 Pack/Case
22170	0.2 ml Rigid 96-Well µltra Plate	Purple	25 Plates/Pack, 1 Pack/Case
37860	0.2 ml Rigid 96-Well µltra Plate	Black	25 Plates/Pack, 1 Pack/Case
37870	0.2 ml Rigid 96-Well µltra Plate	White	25 Plates/Pack, 1 Pack/Case

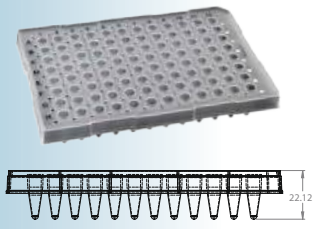
96-Well Fast Plate



- Optimized for Applied Biosystem's fast PCR systems
- PCR results in 25 minutes when used with the 9800
- Real-time PCR results in 40 minutes when used with the 7500
- Low profile and thin-wall design reduce cycle times
- Ultra-clear wells produce optimal signal intensity
- Fits most popular thermal cyclers
- 100 µl working volume

Cat. No.	Description	Plate Color	Packaging
38900	96-Well Fast Plate	Natural	25 Plates/Pack, 4 Packs/Case
38800	96-Well Fast Plate	Natural	25 Plates/Pack, 1 Pack/Case
30350	96-Well Fast Plate	White	25 Plates/Pack, 1 Pack/Case

Semi-Skirt96 Raised Rim PCR Plate

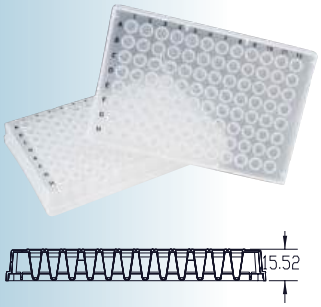


- Real-time PCR compatible
- Raised rim perimeter for aligning purification plates
- Skirt allows robotic handling and sample labeling
- Optional bar coding available

Cat. No.	Description	Plate Color	Packaging
74370	0.2 ml 96-Well Semi-Skirt Plate	Natural	25 Plates/Pack, 4 Packs/Case
74310	0.2 ml 96-Well Semi-Skirt Plate	Natural	25 Plates/Pack, 1 Pack/Case
74330	0.2 ml 96-Well Semi-Skirt Plate	Red	25 Plates/Pack, 1 Pack/Case
74350	0.2 ml 96-Well Semi-Skirt Plate	Blue	25 Plates/Pack, 1 Pack/Case
74320	0.2 ml 96-Well Semi-Skirt Plate	Green	25 Plates/Pack, 1 Pack/Case
74340	0.2 ml 96-Well Semi-Skirt Plate	Yellow	25 Plates/Pack, 1 Pack/Case
74360	0.2 ml 96-Well Semi-Skirt Plate	Purple	25 Plates/Pack, 1 Pack/Case
74380	0.2 ml 96-Well Semi-Skirt Plate	Black	25 Plates/Pack, 1 Pack/Case
74390	0.2 ml 96-Well Semi-Skirt Plate	White	25 Plates/Pack, 1 Pack/Case

µltraAMP™ PCR Plates

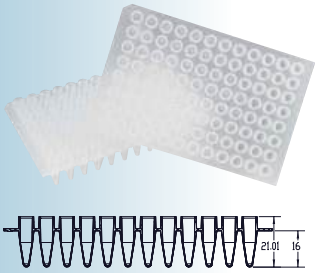
Skirted96 PCR Plate



- Compatible with most robotics, designed to SBS standards
- Low profile design minimizes condensation and evaporation
- For use with MJ Research thermal cyclers and MegaBACE 500/1000 DNA Analysis Systems
- Optional bar coding available

Cat. No.	Description	Plate Color	Packaging
28440	0.2 ml 96-Well Skirted Plate	Natural	25/Plates/Pack, 4 Packs/Case
23080	0.2 ml 96-Well Skirted Plate	Natural	25/Plates/Pack, 1 Pack/Case
23090	0.2 ml 96-Well Skirted Plate	Red	25/Plates/Pack, 1 Pack/Case
23100	0.2 ml 96-Well Skirted Plate	Blue	25/Plates/Pack, 1 Pack/Case
23110	0.2 ml 96-Well Skirted Plate	Green	25/Plates/Pack, 1 Pack/Case
23120	0.2 ml 96-Well Skirted Plate	Yellow	25/Plates/Pack, 1 Pack/Case
28410	0.2 ml 96-Well Skirted Plate	Purple	25/Plates/Pack, 1 Pack/Case
37360	0.2 ml 96-Well Skirted Plate	Black	25/Plates/Pack, 1 Pack/Case
37370	0.2 ml 96-Well Skirted Plate	White	25/Plates/Pack, 1 Pack/Case

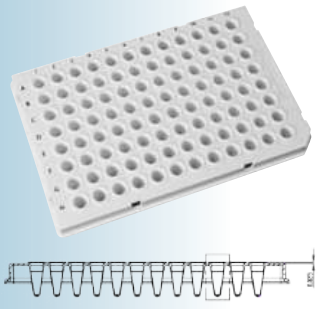
96-Well MB Plate



- Cerified for use with the MegaBACE 1000 DNA Analysis System
- Raised tube rims minimize the risk of well-to-well contamination
- Rigid design minimizes warp

Cat. No.	Description	Plate Color	Packaging
28110	96-Well MB plate	Natural	25/Plates/Pack, 2 Packs/Case
28170	96-Well MB plate	Red	25/Plates/Pack, 2 Packs/Case
28130 Case	96-Well MB plate	Blue	25/Plates/Pack, 2 Packs/
28190	96-Well MB plate	Green	25/Plates/Pack, 2 Packs/Case
28150	96-Well MB plate	Yellow	25/Plates/Pack, 2 Packs/Case
28290	96-Well MB plate	Purple	25/Plates/Pack, 2 Packs/Case

96-Well 480 Plate

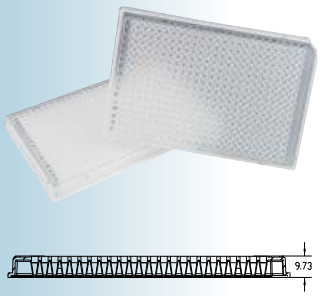


- Optimized for the plate-based Roche LightCycler 480
- Ideal for real-time PCR
- Thin walls reduce cycle times.
- SBS standard dimensions
- 100% QC
- 100 µl working volume
- Optional bar coding available

Cat. No.	Description	Plate Color	Packaging
38870	96-Well 480 Plate, White	White	25/Pack, 4 Packs/Case

µltraAMP™ PCR Plates

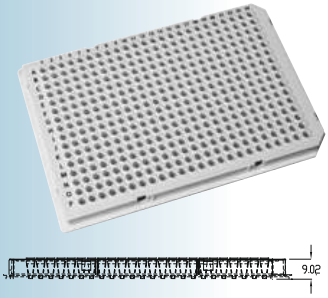
384-Well NX Plate



- Compatible with most robotic platforms
- Designed to SBS standards
- Rigid skirt for gripping by robotic plate handlers
- Minimal warp and shrinkage after thermal cycling
- Optional bar coding available

Cat. No.	Description	Plate Color	Packaging
39690	384-Well NX plate	Natural	50 Plates/Pack, 2 Packs/Case
39620	384-Well NX plate	Natural	50 Plates/Pack, 1 Packs/Case
37910	384-Well NX plate	Red	50 Plates/Pack, 1 Packs/Case
37920	384-Well NX plate	Blue	50 Plates/Pack, 1 Packs/Case
37930	384-Well NX plate	Green	50 Plates/Pack, 1 Packs/Case
37940	384-Well NX plate	Yellow	50 Plates/Pack, 1 Packs/Case
37960	384-Well NX plate	Purple	50 Plates/Pack, 1 Packs/Case
37970	384-Well NX plate	Black	50 Plates/Pack, 1 Packs/Case
37980	384-Well NX plate	White	50 Plates/Pack, 1 Packs/Case

384-Well 480 Plate



- Fits Roche LightCycler 480 real-time plate-based PCR System
- Opaque wells prevent well-to-well light contamination
- White finish amplifies signal
- Designed to SBS standards
- Minimized warp and bowing for robotic handling
- 30 µl working volume
- Seal with optically clear real-time PCR film (sold separately), Cat. No. 36590. Or try the new real-time pressure seal, Cat. No. 26500 (sold separately).
- Optional bar coding available. Sequence can be specified, 1 case minimum order quantity required.

Cat. No.	Description	Plate Color	Packaging
38820	384-Well 480 Plate, White	White	50 Plates/Pack, 2 Packs/Case

Bar Coded Plates



PCR plates are available with a low cost barcoding option. Choose any bar code symbology such as code 39 or code 128. Labels are resistant to many solvents, such as DMSO and withstand the temperature extremes of thermal cycling and freezing at -80°C. Available for Semi-Skirt96, Skirted96, 96-well 480, and all 384-well plates.

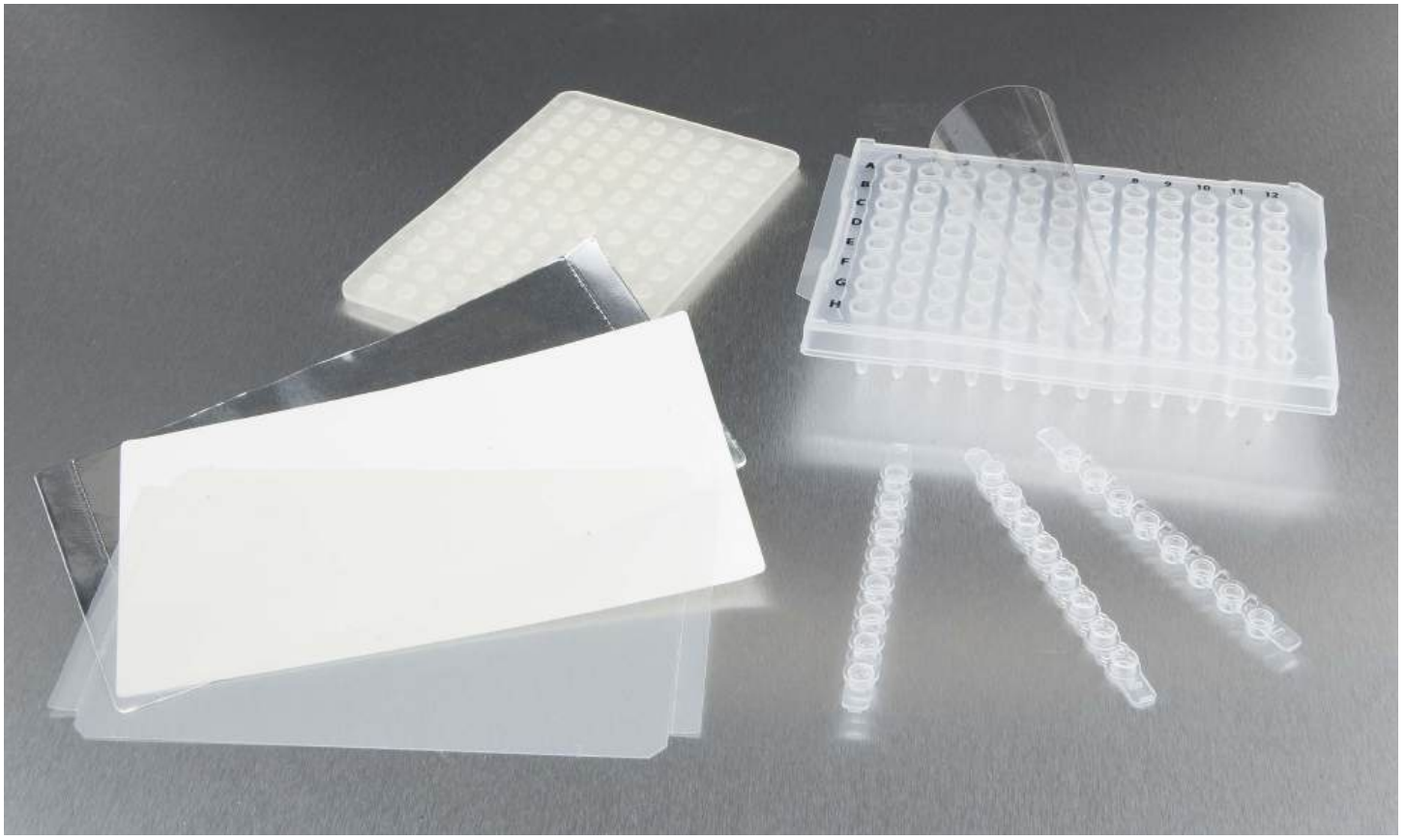
Cat. No.	Description	Plate Color	Packaging
74300	0.2 ml 96-Well Semi-Skirted Raised Rim Plate, Bar Coded	Natural	25 Plates/Pack, 4 Packs/Case
30950	0.2 ml 96-Well Skirted Plate, Bar Coded	Natural	25 Plates/Pack, 4 Packs/Case
38880	96-Well 480 plate, Bar Coded	White	25 Plates/Pack, 4 Packs/Case
31030	384-Well NX plate, Bar Coded	Natural	50 Plates/Pack, 1 Pack/Case
38830	384-Well 480 plate, Bar Coded	White	50 Plates/Pack, 2 Packs/Case

µltraAMP™ PCR Plates Compatibility Chart

	96 Well µltra Plate	96 Well Fast Plate	Semi-Skirt96 Raised Rim Plate	Skirted96 Plate	96-Well MB Plate	96-Well 480 Plate	384-Well NX Plate	384-Well 480 Plate
Real Time PCR Thermal Cyclers (qPCR Compatible)								
Applied BioSystems								
7000	■		■					
7300	■		■					
7500	■	■	■					
7700	■				■			
7900HT		■	■				■	
StepOne		■						
BioRad								
iCycler	■	■		■	■			
MyiQ	■				■			
iQ5	■		■	■	■			
Eppendorf								
Mastercycler ep RealPlex		■		■				
MJ Research								
Opticon	■			■				
Opticon 2	■			■				
Chromo 4	■			■				
Roche								
LightCycler 480 Instrument, 96-well						■		
LightCycler 480 Instrument, 384-well								■
Stratagene								
Mx4000	■	■	■		■			
Mx3000	■		■					
Techne								
Quantica	■			■				
PCR Thermal Cyclers								
Applied BioSystems								
Veriti	■	■	■		■		■	
9600	■		■		■			
9700	■		■		■		■	
9800 Fast		■						
2700/2720	■		■		■		■	
BioMetra								
Uno	■		■	■	■			
Uno II	■	■	■	■	■		■	
T1 ThermoCycler	■	■	■	■	■		■	
Tgradient	■	■	■		■		■	
Trobot	■	■	■	■	■		■	
Corbett Research								
Palm Cycler 96		■	■	■				
Palm Cycler 384							■	

	96 Well µltra Plate	96 Well Fast Plate	Semi-Skirt96 Raised Rim Plate	Skirted96 Plate	96-Well MB Plate	96-Well 480 Plate	384-Well NX Plate	384-Well 480 Plate
PCR Thermal Cyclers (continued)								
Eppendorf								
MasterCycler	■	■	■	■	■			
MasterCycler ep	■	■		■	■			
MasterCycler M384				■			■	
PTC-100	■	■	■	■	■		■	
PTC-200	■	■	■		■		■	
PCT- 225 Tetrad	■	■	■	■	■		■	
Dynad/Disciple	■	■	■	■	■		■	
RoboCycler	■				■			
TouchGene Gradient (TC512)	■	■	■	■	■		■	
Genius (TC412)	■		■	■	■			
TouchGene X	■	■	■	■			■	
Flexi								
Gene	■		■	■	■		■	
Genius	■		■	■	■			
ThermoHybaid								
PCR Sprint			■	■				
PCR Express	■	■	■	■	■		■	
Multi Block System	■	■	■	■	■		■	
Touchdown	■	■	■	■	■		■	
Omnigene	■	■	■	■	■		■	
Omn-E	■	■	■	■	■			
pxe	■	■	■	■	■		■	
px2	■	■	■	■	■		■	
TaKaRa								
TP240				■				
TP3000	■			■	■			
Sequencers								
Applied Biosystems								
310	■		■					
3100	■		■	■	■		■	
3130	■			■	■		■	
3700	■			■	■		■	
3730/3730x	■			■	■		■	
Amersham								
Megabace 500				■	■			
Megabace 1000					■			
MegaBace 4000							■	
MJ Research								
BaseStation				■				
Transgenomics								
Wave System				■				

µltraAMP™ PCR Plate and Tube Sealers



µltraAmp™

PCR Plate and Tube Sealing Options

PCR plates have slightly raised rims on wells for optimum sealing. Adhesive seals and cap strips prevent evaporation during thermal cycling or storage. Sealing mats can be reused up to five times and achieve complete sealing with screw/clip-down hot lid thermal cyclers.

µltraAMP™ PCR Plate and Tube Sealers

Aluminum PCR Plate Seal



- Seals all types of plates
- Chemical resistant
- Effective -80°C to + 120°C

Cat. No.	Description	Packaging
36890	Aluminum PCR Plate Seal	100 Seals/Case

Clear PCR Plate Seal



- Seals most plates
- Rated from -40°C to +125°C
- Polypropylene

Cat. No.	Description	Packaging
36190	Clear PCR Plate Seal	100 Seals/Case

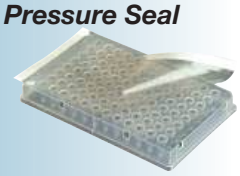
Real Time PCR Plate Seal



- Optically clear for Real-Time PCR
- Fits most popular PCR plates
- Recommended for use between -40°C and +120°C

Cat. No.	Description	Packaging
36590	Real Time PCR Plate Seal	100 Seals/Case

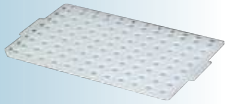
Real Time PCR Plate Pressure Seal



- High quality pressure seal
- Optically clear for Real-Time PCR
- Ultra Clear
- Easy positioning
- Fits most popular PCR plates

Cat. No.	Description	Packaging
26500	Real Time PCR Plate Pressure Seal	100 Seals/Case

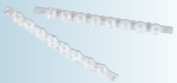
PCR Plate Silicone Sealing Mat



- Fits most popular PCR plates
- Minimizes evaporation in PCR and storage
- Reusable up to 5 times

Cat. No.	Description	Packaging
26520	PCR Plate Silicone Sealing Mat	10 Mats/Case

Cap Strips



- Flat caps are ideal for real-time PCR
- Caps are easy to apply
- Fit 96-well plates and µltraStrips

Cat. No.	Description	Packaging
37990	Optically Clear Flat Cap Strips, Natural	250 Cap Strips/Case
38780	Domed Cap Strips, Natural	250 Cap Strips/Case

PCR Tubes

0.2 ml PCR µltraStrips



- Eight 0.2 ml tubes with dual connectors between reaction tubes and caps for added strength
- Thin-wall design provides maximum PCR efficiency
- Easily cut for use as individual tubes

Cat. No.	Cap Type	Color	Packaging	Quantity
38790*	None	Natural	Non-Sterile, Bagged	250 Tube Strips/Bag, 1 Bag/Case
37350	Flat, Optically Clear	Natural	Non-Sterile, Bagged	250 Tube & Cap Strips/Bag, 1 Bag/Case
15090	Flat, Optically Clear	Natural	Non-Sterile, Bagged	250 Tube & Cap Strips/Bag, 10 Bags/Case
16380	Domed	Natural	Non-Sterile, Bagged	250 Tube & Cap Strips/Bag, 1 Bag/Case
16280	Domed	Natural	Sterile, Bagged	24 Tubes & Cap Strips/Bag, 5 Bags/Case
14430	Domed	Red	Non-Sterile, Bagged	250 Tube & Cap Strips/Bag, 1 Bag/Case
16290	Domed	Red	Sterile, Bagged	24 Tubes & Cap Strips/Bag, 5 Bags/Case
16400	Domed	Blue	Non-Sterile, Bagged	250 Tube & Cap Strips/Bag, 1 Bag/Case
16300	Domed	Blue	Sterile, Bagged	24 Tubes & Cap Strips/Bag, 5 Bags/Case
16410	Domed	Green	Non-Sterile, Bagged	250 Tube & Cap Strips/Bag, 1 Bag/Case
16310	Domed	Green	Sterile, Bagged	24 Tubes & Cap Strips/Bag, 5 Bags/Case
16420	Domed	Yellow	Non-Sterile, Bagged	250 Tube & Cap Strips/Bag, 1 Bag/Case
16320	Domed	Yellow	Sterile, Bagged	24 Tubes & Cap Strips/Bag, 5 Bags/Case

**** 38790 is tube strip only, cap strip available separately.***

0.2 ml Single PCR Tubes with Attached Caps



- Attached cap minimizes risk of carry-over contamination
- Thin-wall design provides maximum PCR efficiency
- Fits most popular thermal cyclers

Cat. No.	Cap Type	Color	Packaging	Quantity
16950	Flat, Optically Clear	Natural	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
16960	Flat	Red	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
16970	Flat	Blue	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
16980	Flat	Green	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
16990	Flat	Yellow	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case
23190	Domed	Natural	Non-Sterile, Bulk Bag	500 Tubes/Bag, 10 Bags/Case
14720	Domed	Natural	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case

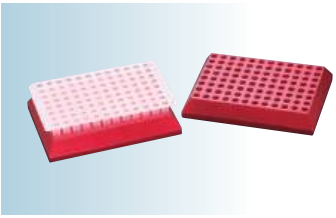
0.65 ml PCR µltraTubes with Attached Caps



- Thin-wall design provides maximum PCR efficiency
- Frosted surfaces on the cap and side wall for sample identification
- Fits most popular thermal cyclers and thermal cyclers

Cat. No.	Cap Type	Color	Packaging	Quantity
15160	Flat, Optically Clear	Natural	Non-Sterile, Bulk Bag	1,000 Tubes/Bag, 10 Bags/Case

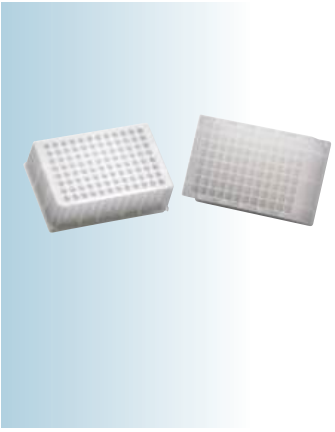
Freeze Block



Anodized aluminum Freeze Blocks maintain temperature at 0°C for one hour after freezing and provide a stable platform for PCR reaction set-up. Fits 0.2 ml PCR tubes, tube strips or 96-well PCR plates.

Cat. No. Packaging	Description	Plate Color	
13280	Freeze Block	Red	1 Block/Case

DeepWell Plates



- 1.2 ml plates have round wells
- 2.2 ml plates have square wells
- Plates and mats have an alphanumeric grid reference for easy sample identification
- Autoclavable

Cat. No. Packaging	Description	Plate Color	
23180	1.2 ml DeepWell Plate, Sterile	Natural	20/Case
23150	1.2 ml DeepWell Plate	Natural	20/Case
23170	2.2 ml DeepWell Plate, Sterile	Natural	20/Case
23130	2.2 ml DeepWell Plate	Natural	20/Case
23140	Cap Mat for 2.2 ml DeepWell Plates	Natural	20/Case
23160	Cap Mat for 1.2 ml DeepWell Plates	Natural	20/Case

Reagent Reservoirs



Multi Reagent Reservoirs – Single channel to 16-channel pipettor reservoirs

- **Designed to accommodate all types of pipettors**
- **Graduation marks on interior wall**
- **Lot certified RNase/DNase-free and non-pyrogenic**
- **Made of FDA grade plastic**
- **Pour-off spouts on each corner**
- **Sterility validated to 10^{-6}**

V-Bottom Reservoirs



Cat. No.	Volume	Sterile	Material	Packaging/Quantity	Cases/Pallet
39900	25 ml	Yes	Polystyrene	Individually Wrapped, 100/Case	72
39910	25 ml	Yes	Polystyrene	5 Reservoirs/Pack, 40 Packs/Case	72
39920	25 ml	No	Polystyrene	Bulk, 100/Case	162
39930	55 ml	Yes	Polystyrene	Individually Wrapped, 80/Case	72
39940	55 ml	Yes	Polystyrene	5 Reservoirs/Pack, 32 Packs/Case	72
39950	55 ml	No	PVC (Clear)	Bulk, 100/Case	162
39960	100 ml	Yes	Polystyrene	Indivdually Wrapped, 100/Case	60
39970	100 ml	Yes	Polystyrene	5 Reservoirs/Pack, 40 Packs/Case	60
39980	100 ml	No	Polystyrene	Bulk, 100/Case	162

HTS Reservoirs:
See page 23.





BenchTop Pipettor Ordering Information and Details: See page 22.



INDEX

Cat. No.	Page
10040	11
10080	11
10130	11
10190	11
10200	11
10230	11
10300	7
10300	23
10310	7
10310	23
10320	7
10320	23
10330	7
10330	23
10340	7
10340	23
10350	7
10350	23
10360	7
10370	7
10380	7
10390	7
10400	7
10410	7
10420	7
10450	7
10460	7
10470	10
10500	10
10520	10
10590	10
10620	10
10660	10
11060	19
11080	19
11120	19
11150	19
11160	19
11170	19
11190	19
11210	19
11300	20
11430	19
11450	19
11490	19
11500	19
11510	19
11540	19
11560	19
11590	19

Cat. No.	Page
11920	19
11940	19
11980	19
12000	19
12020	19
12030	19
12040	19
12060	19
12160	20
13280	33
13760	13
13770	13
13790	13
13810	13
13890	13
13900	13
13920	13
13930	13
13980	9
14200	5
14210	5
14220	5
14430	32
14720	32
15020	5
15090	32
15100	13
15110	13
15120	13
15130	13
15160	32
15170	21
15190	21
15360	10
15370	10
15660	10
15670	10
15720	10
15730	10
16140	20
16280	32
16290	32
16300	32
16310	32
16320	32
16380	32
16400	32
16410	32
16420	32
16950	32

Cat. No.	Page
16960	32
16970	32
16980	32
16990	32
17310	13
17320	13
17330	13
17340	13
17350	13
17360	13
21970	25
21980	25
21990	25
22000	25
22010	25
22170	25
22210	9
22220	9
23080	26
23090	26
23100	26
23110	26
23120	26
23130	33
23140	33
23150	33
23160	33
23170	33
23180	33
23190	36
23560	9
23570	9
23580	9
26190	29
26500	31
26520	31
27720	10
27730	10
27760	10
27770	10
27780	9
27790	9
28110	26
28130	26
28150	26
28170	26
28190	26
28200	5
28290	26
28410	26

Cat. No.	Page
28440	26
28480	13
30350	25
30430	10
30440	10
30450	10
30460	10
30470	9
30550	5
30800	11
30920	11
30930	11
30950	27
31030	27
31610	11
31770	11
31780	11
31790	11
34000	5
34750	11
34760	11
34770	11
36060	5
36190	31
36590	31
36890	31
37350	32
37360	26
37370	26
37640	9
37650	9
37660	9
37820	9
37860	25
37870	25
37910	27
37920	27
37930	27
37940	27
37960	27
37970	27
37980	27
37990	31
38000	5
38160	34
38170	34
38180	34
38780	31
38790	32
38800	25

Cat. No.	Page
38820	27
38830	27
38870	26
38880	27
38900	25
39620	27
39690	27
39900	34
39910	34
39920	34
39930	34
39940	34
39950	34
39960	34
39970	34
39980	34
70500	9
70510	10
70520	10
70530	11
70540	11
70600	9
70610	10
70620	11
70700	9
70710	10
70720	10
70730	11
70740	11
73960	22
73970	22
73980	23
73990	22
74000	22
74010	23
74020	23
74030	23
74300	27
74310	25
74320	25
74330	25
74340	25
74350	25
74360	25
74370	25
74380	25
74390	25
10190T	11
10200T	11
10230T	11

Cat. No.	Page
10470T	10
10520T	10
13980T	9
14200T	5
14210T	5
14220T	5
15020T	5
15270T	10
15660T	10
15670T	10
15720T	10
17370T-X	5
17370-X	5
22210T	9
22220T	9
23560T	9
23570T	9
23580T	9
27760T	10
27770T	10
27780T	9
27790T	9
28200T	5
30430T	10
30450T	10
30470T	9
30510T-X	5
30510-X	5
30550T	5
30800T	11
30920T	11
30930T	11
31770T	11
31780T	11
31790T	11
36060T	5
37640T	9
37650T	9
37660T	9
37820T	9
38000T	5
39640T	20
73750T	23
73760T	23
73770T	23



Sequence BioTech, LLC

3 Northern Blvd Suite A1
Amherst NH, 03031
(603)-769-0963
info@sequencebiotech.com