

GeneMate



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Quality Products

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Polycarbonate Flasks

- Ideal replacement for glass or other shaker/Erlenmeyer flasks
- DuoCAP™ allows sterile air exchange or tight seal
- Flat or baffled base designs available in all sizes
- Made from virgin, optically clear resin
- RNase-, DNase-, and pyrogen-free
- Reuseable, autoclavable



Patented DuoCAP™
0.22µm Membrane



3L Fernbach Flasks

- 45° angle is ideal for shaker & suspension culture
- Perform aerobic & aerobic culture

Description	Volume	Sterility	Unit	Cat. No.
Polycarbonate Erlenmeyer-style Flasks				
Polycarbonate Flasks	125ml	Sterile	24/Pack	490004-356
Polycarbonate Flasks	125ml, Baffled-bottom	Sterile	24/Pack	490004-344
Polycarbonate Flasks	250ml	Sterile	12/Pack	490004-360
Polycarbonate Flasks	250ml, Baffled-bottom	Sterile	12/Pack	490004-348
Polycarbonate Flasks	500ml	Sterile	12/Pack	490004-362
Polycarbonate Flasks	500ml, Baffled-bottom	Sterile	12/Pack	490004-350
Polycarbonate Flasks	1000ml	Sterile	6/Pack	490004-354
Polycarbonate Flasks	1000ml, Baffled-bottom	Sterile	6/Pack	490004-342
Polycarbonate Flasks	2000ml	Sterile	6/Pack	490004-358
Polycarbonate Flasks	2000ml, Baffled-bottom	Sterile	6/Pack	490004-346
3 Liter Fernbach Flasks				
Polycarbonate Flasks	3000ml	Sterile	3/Pack	490004-364
Polycarbonate Flasks	3000ml, Baffled-bottom	Sterile	3/Pack	490004-352

Flask Clamps

- Autoclavable
- Easy to clip on and off
- Will not scratch or damage flasks

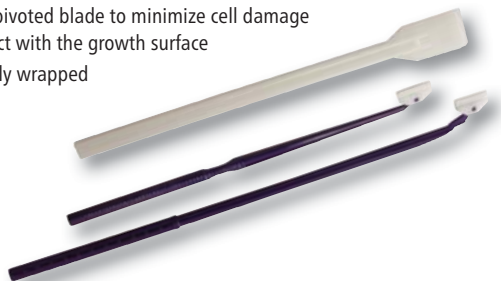


Flask shown
with Flask Clamp

Description	Volume	Sterility	Unit	Cat. No.
Flask Clamp	125ml	Nonsterile	1/Pack	490004-366
Flask Clamp	250ml	Nonsterile	1/Pack	490004-368
Flask Clamp	500ml	Nonsterile	1/Pack	490004-370
Flask Clamp	1000ml	Nonsterile	1/Pack	490004-372
Flask Clamp	2000ml	Nonsterile	1/Pack	490004-374

Cell Scrapers & Lifter

- Scrapers feature pivoted blade to minimize cell damage and ensure contact with the growth surface
- Sterile, individually wrapped
- Polyethylene



Description	Volume	Sterility	Unit	Cat. No.
Cell Scrapers	25cm, 1.8cm blade length	Sterile	100/Pack	490000-256
Cell Scrapers	18cm, 1.8cm blade length	Sterile	100/Pack	490000-254
Cell Lifters	18cm, 2.0cm blade length	Sterile	100/Pack	490000-258

Disposable Spreaders

- Ideal for bacterial CFU counts
- Spread cultures & liquids evenly
- Presterilized
- Smooth-edges—minimize "gouging"
- Autoclavable



Description	Size	Spreader Shape	Packaging	Unit	Cat. No.
Spreaders	38 x 156mm	L	10/Pack	500/Case	490016-668
Spreaders	38 x 156mm	L	1/Pack	500/Case	490016-670
Spreaders	34 x 140mm	T	10/Pack	500/Case	490016-672
Spreaders	34 x 140mm	T	1/Pack	500/Case	490016-674
Spreaders	60 x 235mm	Large Triangle	25/Pack	100/Case	490016-676
Spreaders	60 x 235mm	Large Triangle	1/Pack	500/Case	490016-678
Spreaders	30 x 207mm	Small Triangle	25/Pack	100/Case	490016-680
Spreaders	30 x 207mm	Small Triangle	1/Pack	500/Case	490016-682

Vacuum Filtration Systems

- Conveniently sold presterilized
- Quick-Connect pedestal base or cradle ring allows for hand-free filtration
- Forward-facing, large, raised graduation marks for easy reading
- SECUREgrasp™ bottle technology
- Available in 0.2µm or 0.45µm asymmetric membrane filter



Largest filter area available yielding faster fill rates



Quick-Connect™ Pedestal base allows for hands-free filtration



Ergonomic SECUREGrasp™ bottle provides stability and secure transport



Description	Volume	Pore Size & Membrane	Filter Dia.	Unit	Cat. No.
Complete System, Sterile					
Complete System	250ml	0.2µm PES	66mm	12/Pack	490002-928
Complete System	500ml	0.2µm PES	90mm	12/Pack	490002-930
Complete System	1000ml	0.2µm PES	90mm	12/Pack	490002-932
Complete System	250ml	0.45µm PES	66mm	12/Pack	490002-938
Complete System	500ml	0.45µm PES	90mm	12/Pack	490002-940
Complete System	1000ml	0.45µm PES	90mm	12/Pack	490002-942
Bottle-top Funnel Only - fits any bottle with a GL45 opening, Sterile					
Bottle-top Funnel	250ml	0.2µm PES	66mm	24/Pack	490002-944
Bottle-top Funnel	500ml	0.2µm PES	90mm	24/Pack	490002-946
Bottle-top Funnel	1000ml	0.2µm PES	90mm	24/Pack	490002-948
Bottle-top Funnel	250ml	0.45µm PES	66mm	24/Pack	490014-232
Bottle-top Funnel	500ml	0.45µm PES	90mm	24/Pack	490002-952
Bottle-top Funnel	1000ml	0.45µm PES	90mm	24/Pack	490014-234
Bottle with SECUREgrasp Cap and standard GL45 opening, Sterile					
Bottle with Cap	250ml	Polystyrene, white cap		24/Pack	490002-956
Bottle with Cap	500ml	Polystyrene, white cap		24/Pack	490002-958
Bottle with Cap	1000ml	Polystyrene, white cap		24/Pack	490002-960
Bottle with Cap	250ml	PETG, green cap		24/Pack	490014-222
Bottle with Cap	500ml	PETG, green cap		24/Pack	490002-964
Bottle with Cap	1000ml	PETG, green cap		24/Pack	490014-224
Bottle with Cap	250ml	Polycarbonate, blue cap		24/Pack	490014-226
Bottle with Cap	500ml	Polycarbonate, blue cap		24/Pack	490014-228
Bottle with Cap	1000ml	Polycarbonate, blue cap		24/Pack	490014-230

Centrifuge Tube Filtration

- Avoid potential contamination by eliminating an unnecessary transfer to the centrifuge tube post-sterilization and risk of spills



Description	Volume	Pore Size & Membrane	Filter Dia.	Unit	Cat. No.
Complete System, Sterile					
Complete System	15ml	0.2µm PES	40mm	24/Pack	490002-978
Complete System	50ml	0.2µm PES	40mm	24/Pack	490002-974
Complete System	15ml	0.45µm PES	40mm	24/Pack	490002-980
Complete System	50ml	0.45µm PES	40mm	24/Pack	490002-976
Funnel Only, Sterile, fits standard conical tubes					
Funnel Only	15ml	0.2µm PES	40mm	48/Pack	490002-982
Funnel Only	50ml	0.2µm PES	40mm	48/Pack	490014-218
Funnel Only	15ml	0.45µm PES	40mm	48/Pack	490014-220
Funnel Only	50ml	0.45µm PES	40mm	48/Pack	490002-988

Accessories

Description	Unit	Cat. No.
Cradle Ring, stainless steel	1/Pack	490014-216
Quick-connect Pedestal	1/Pack	490002-934

2 Hands-Free Options Also Available!



- 1. Quick-Connect Pedestal** attaches to house gas supply. Simply insert the filtration assembly into the stand and open the vacuum control.



- 2. Cradle Ring** attaches to any retort stand and includes on/off vacuum control.

Pipette Controller

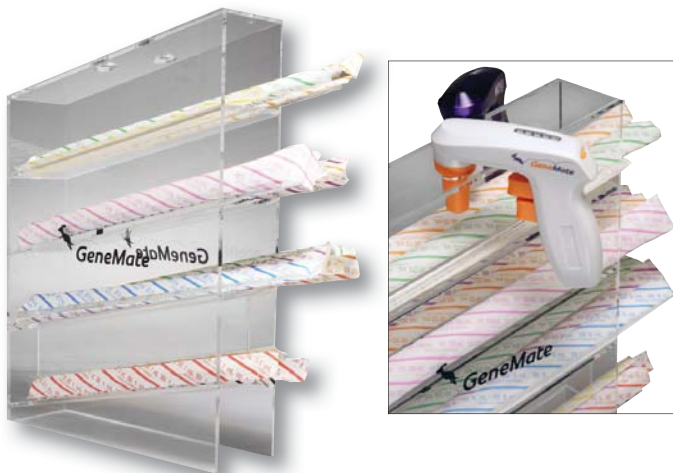
- Advanced ergonomic design
- Fingertip contoured buttons with light action springs
- Includes customizable I.D. label for personalization
- Fills a 10ml pipette in 1.3 seconds
- Adjustable thumb wheel dial continuously controls pipetting speeds
- LED battery display indicates battery life
- Removable battery cover for easy battery replacement
- Rechargeable lithium ion battery
- UV resistant housing
- Lightweight: 190 grams



Description	Unit	Cat. No.
Pipette Controller	1/Pack	490017-208

Pipette Storage Rack

- Clear acrylic rack with 5 angled shelves (bottom shelf has vertical divider)
- Protects and organizes fragile pipettes ranging 1 to 100ml
- Space saving design-minimizes clutter
- Dual holes located on top of the rack are designed to hold serological pipettors
- Two attachments to hold pipet bulbs, filler, and pumps are included
- Dims. (WxDxH): 11 1/2" x 3 1/2" x 15 4/5"



Description	Unit	Cat. No.
Pipette Storage Rack, clear acrylic	1/Pack	490004-014

Serological Pipettes

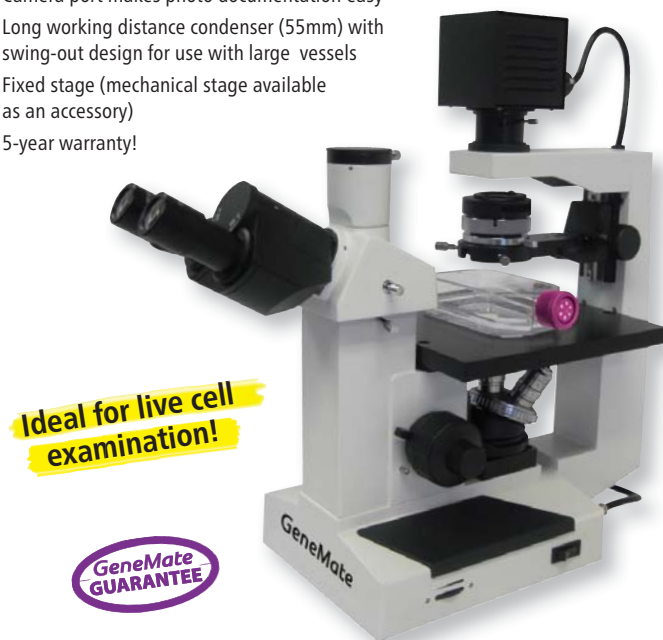
- Sterile, individually wrapped and non-pyrogenic
- Lot number printed on each pipette wrapper
- Negative graduations for extended volume range
- Color-coding on wrapper and pipette allows easy size identification
- Reverse graduations for ease of reading dispensed volumes
- Accuracy within $\pm 2\%$ at full volume
- Polystyrene



Description	Volume	Color-coded	Sterility	Unit	Cat. No.
Serological Pipettes	1ml	Yellow	Sterile	1000/Case	490000-600
Serological Pipettes	2ml	Green	Sterile	500/Case	490000-602
Serological Pipettes	5ml	Blue	Sterile	200/Case	490000-606
Serological Pipettes	10ml	Orange	Sterile	200/Case	490000-608
Serological Pipettes	25ml	Red	Sterile	200/Case	490000-610
Serological Pipettes	50ml	Purple	Sterile	100/Case	490000-604

Inverted Compound Microscope

- Three planachromat objectives—4X bright field, 10X phase contrast, and 25X phase contrast (for excellent contrast & image quality)
- Outstanding optics for brilliant images—10X wide field eyepiece and FN20mm
- All metal frame with an all metal focusing mechanism
- Quadruple (4 hole) turret angled for easier access
- Camera port makes photo documentation easy
- Long working distance condenser (55mm) with swing-out design for use with large vessels
- Fixed stage (mechanical stage available as an accessory)
- 5-year warranty!



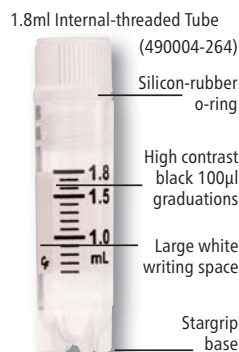
Description	Unit	Cat. No.
Inverted Compound Microscope	1/Pack	490001-892
Includes: dust cover, green filter, spare halogen lamp and fuse, and phase centering telescope		

Exclusively from



CryoFreeze® Cryogenic Storage Tubes

- Ideal for ultra-low temperature storage
- 1.0ml to 4.5ml tube range
- Printed with contrasting black graduations
- FDA-approved, medical-grade polypropylene
- Color-coding color caps inserts available



Description	Volume	Sterility	Unit	Cat. No.
Internal-thread tubes with caps—ideal for vapor-phase liquid nitrogen freezing.				
CryoFreeze Tubes	1.0ml with Stargrip base	Sterile	50/Pack 500/Case	490004-290
CryoFreeze Tubes	1.8ml with Stargrip base	Sterile	50/Pack 500/Case	490004-294
CryoFreeze Tubes	1.8ml with Round base	Sterile	50/Pack 500/Case	490004-292
CryoFreeze Tubes	3.6ml with Stargrip base	Sterile	50/Pack 400/Case	490004-298
CryoFreeze Tubes	3.6ml with Round base	Sterile	50/Pack 400/Case	490004-296
CryoFreeze Tubes	4.5ml with Stargrip base	Sterile	50/Pack 300/Case	490004-302
CryoFreeze Tubes	4.5ml with Round base	Sterile	50/Pack 300/Case	490004-300
External-thread tubes with caps—reduces contamination and cross-contamination potential.				
CryoFreeze Tubes	1.0ml with Stargrip base	Sterile	50/Pack 500/Case	490004-304
CryoFreeze Tubes	1.8ml with Round base**	Sterile	50/Pack 500/Case	490004-310
CryoFreeze Tubes	1.8ml with Stargrip base	Sterile	50/Pack 500/Case	490004-306
CryoFreeze Tubes	4.5ml with Stargrip base	Sterile	50/Pack 300/Case	490004-308

**490004-310 will not accommodate cap inserts. The tube and cap have the same external diameter and are designed to fit in metal "canes" used for holding individual tubes in a Dewar.

Colored Cap Inserts				
Cap Inserts	Blue	Nonsterile	500/Case	490004-268
Cap Inserts	Green	Nonsterile	500/Case	490004-270
Cap Inserts	Red	Nonsterile	500/Case	490004-274
Cap Inserts	Yellow	Nonsterile	500/Case	490004-278
Cap Inserts	White	Nonsterile	500/Case	490004-288
Cap Inserts	Brown	Nonsterile	500/Case	490014-828
Cap Inserts	Orange	Nonsterile	500/Case	490004-272
Cap Inserts	Gray	Nonsterile	500/Case	490004-284
Cap Inserts	Violet	Nonsterile	500/Case	490004-276
Cap Inserts	Pink	Nonsterile	500/Case	490004-286
Cap Inserts	Assorted Colors	Nonsterile	500/Case	490004-282

Culture Media

GeneMate Genomic Grade

Culture Media are individually selected and tested for solubility, consistency, growth and reliable functional performance.

We select each media component based on its ability to provide consistent growth and maximum enrichment to the host cells.



The **Pre-Mixed Powders** are optimized media packages for making the broths and agar plates. Each container is volumetrically packaged for a specific number of liters, eliminating waste.

Description	Unit	Cat. No.
CULTURE MEDIA COMPONENTS		
Agar, Powder	1kg	490002-024
Peptone (Casein), Powder	1kg	490002-032
Tryptone, Powder	1kg	490002-030
Yeast Extract Ultrafiltered, Powder	1kg	490002-026
Yeast Extract Ultrafiltered, Powder	4 x 2.5kg	490015-380
PREMIXED E. COLI MEDIA		
PlasmidGRO Broth, Powder	410g	490015-378
PlasmidGRO Broth, Powder	1025g	490002-162
Terrific Broth (Yeast Extract 24g, Tryptone 12g, K₂HPO₄ 9.4g, KH₂PO₄ 2.2 G)		
Terrific Broth, Powder	476g	490002-018
Terrific Broth, Powder	1.5kg	490002-012
Terrific Broth, Powder	10kg	490015-382
LB Miller Broth (Tryptone 10g, Yeast Extract 5g, NaCl 10g)		
LB Miller Broth, Powder	500g	490001-990
LB Miller Broth, Powder	2.5kg	490001-992
LB Miller Agar, Powder (Agar 15g, Tryptone 10g, Yeast Extract 5g)		
LB Miller Agar, Powder	800g	490002-000
LB Miller Agar, Powder	2.4kg	490002-002
LB Lennox Broth (Tryptone 10g, Yeast Extract 5g, NaCl 5g)		
LB Lennox Broth, Powder	500g	490015-414
LB Lennox Broth, Powder	1.25kg	490014-398
LB Lennox Broth, Powder	2.5kg	490015-416
LB Lennox Agar (Agar 15g, Tryptone 10g, Yeast Extract 5g, NaCl 5g)		
LB Lennox Agar, Powder	700g	490002-004
LB Lennox Agar, Powder	1.4kg	490015-386
LB Lennox Agar, Powder	2 x 1.4kg	490015-388
READY-TO-USE LIQUID MEDIA		
PlasmidGRO Broth, Liquid	1000ml	490001-970
Terrific Broth, Liquid	1000ml	490015-412
Terrific Broth +2% Glycerol, Liquid	1000ml	490015-410
LB Miller Broth, Liquid	1000ml	490001-976
LB Miller Broth +7.5% Glycerol, Liquid	1000ml	490015-408
LB Lennox Broth, Liquid	1000ml	490001-978
READY-TO-USE YEAST MEDIA		
YPD Broth, Liquid (Peptone 20g, Yeast Extract 10g, Dextrose 20g)	1000ml	490015-456
RELATED PRODUCTS		
X-Gal, Powder	5g	490002-052
X-Gal, Powder	10g	490002-054
IPTG, Dioxane Free, Powder	10g	490002-046
IPTG, Dioxane Free, Powder	100g	490002-048

Vortex Mixer

- Powerful motor for instant vortexing
- Speed: 200 to 3,200rpm
- Touch or continuous operation
- Cold room safe



Description	Unit	Cat. No.
Vortex Mixer	1/Pack	490000-094
Accessories		
3" Flat Head	1/Pack	490000-080
Combination head for tubes and microplates*	1/Pack	490000-078
Horizontal head for 4 x 15ml tubes	1/Pack	490000-088
Horizontal head for 12 x 1.5/2.0ml tubes	1/Pack	490000-086
Horizontal head for 2 x 50ml tubes	1/Pack	490000-090

*Holds 66 tubes (38 x 1.5/2.0ml and 28 x 0.5ml) or (26 x 1.5/2.0ml tubes) and (one microplate)

Mini-V Mixer

- Powerful vortexing for tubes up to 50ml
- Insta-Touch™ pressure activated operation
- Temp. range: Ambient +4°C to 65°C
- 2,800rpm, 4mm orbit
- WxDxH: 3.7" x 3.9" x 2.6"
- Weight: 1 lb. (0.4kg)

**Less than
4" wide!**



Description	Unit	Cat. No.
Mini-V Mixer	1/Pack	490015-280

Rotator Bundle

- 0 to 90° mixing angle
- Complete 360° rotation
- Wide range of motions—from gentle rotating to end over end tumbling
- Cold room and incubator compatible



Description	Unit	Cat. No.
Rotator Bundle	1/Pack	490016-746
Includes: 2 paddles for 18 x 1.5/2.0ml tubes (holds 36 tubes) 1 combo paddle for 5 x 15ml & 8 x 5/7ml tubes 1 paddle for 3 x 50ml tubes		
Rotisseries include 2 paddles and 1 spindle		
(2) 18 x 1.5/2.0ml tubes	1/Pack	490014-288
(2) 5 x 15ml and 8 x 5/7ml tubes (combo paddle)	1/Pack	490002-218
(1) 3 x 50ml tubes	1/Pack	490002-220

Cryogenic Storage Systems

- Racks or Canisters and Measuring Rod included
- Ideal for box or cane storage
- Maximum cryogenic vial storage capacities
- Maintain economical evaporation rates



Description	Capacity	Unit	Cat. No.
Box & Rack Cryogenic Systems (racks included)			
Box & Rack System	750 vials, 30 boxes, 6 racks	1/Pack	490001-664
Box & Rack System	2000 vials, 20 boxes, 4 racks	1/Pack	490001-668
Box & Rack System	4000 vials, 40 boxes, 4 racks	1/Pack	490015-336
Box & Rack System	6000 vials, 60 boxes, 6 racks	1/Pack	490001-676
Cryogenic Cane Storage Systems (6 canisters included)			
Cane Storage System	210 vials	1/Pack	490015-346
Cane Storage System	360 vials	1/Pack	490015-350
Cane Storage System	630 vials	1/Pack	490015-352
Cane Storage System	1320 vials	1/Pack	490015-354
Cane Storage System	150 vials (Ext. Absence)	1/Pack	490015-344
Accessories			
5-Wheel Roller Base for 490001-664		1/Pack	490001-666
5-Wheel Roller Base for 490001-668		1/Pack	490001-670
5-Wheel Roller Base for 490015-336		1/Pack	490015-338
5-Wheel Roller Base for 490015-676		1/Pack	490001-678
5-Wheel Roller Base for 490015-346		1/Pack	490015-340
5-Wheel Roller Base for 490015-344, 490015-350, 490015-352		1/Pack	490015-342
5-Wheel Roller Base for 490015-344		1/Pack	490015-348

Hotplates & Stirrers

- Space efficient design
- Chemical resistant ceramic work surface
- Compatible with a variety of borosilicate glass beakers, flasks, bottles, & other vessels
- Hotplate temp.: 5°C to 380°C
- Stirring speed: 60 to 1,500rpm
- Platform: 7.5" x 7.5"
- WxDxH: 8" x 9" x 4.5"

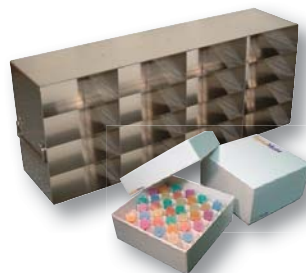


Description	Unit	Cat. No.
Hotplate/Magnetic Stirrer	1/Pack	490000-188
Magnetic Stirrer	1/Pack	490000-192
Hotplate	1/Pack	490000-184

-86°C Premier Ultra-Low Temp Freezers

- Temperature range: -50°C to -86°C
- Precision cooling with five sides of direct contact copper evaporator tubes secured with steel tabs
- Extensive alarm options to support even the most critical applications
- Steel, double-walled cabinet and double-walled inner doors
- One step filter access simplifies maintenance
- Designed to utilize standard racks
- Removable lower sides, rear and front panels for easy cleaning

Storage Capacity	17 cu. ft.	21 cu. ft.	25 cu. ft.
2" / 3" Cardboard Boxes:	320 / 240	400 / 300	480 / 360
Stainless Steel Racks per unit:	20	25	30
Stainless Steel Racks per shelf:	4	5	6



Description	Volume	Electrical	WxDxH w/casters	Unit	Cat. No
Ultra-Low Freezers	17 cu. ft.	115V	37.6" x 36.3" x 79.6"	1/Pack	490017-006
Ultra-Low Freezers	17 cu. ft.	230V	37.6" x 36.3" x 79.6"	1/Pack	490017-008
Ultra-Low Freezers	21 cu. ft.	115V	43.3" x 36.3" x 79.6"	1/Pack	490001-870
Ultra-Low Freezers	21 cu. ft.	230V	43.3" x 36.3" x 79.6"	1/Pack	490016-958
Ultra-Low Freezers	25 cu. ft.	230V	49.0" x 36.3" x 79.6"	1/Pack	490019-300

Undercounter Freezers & Refrigerators

Premier features:

- Digital microprocessor temperature control
- Audible and visual alarms
- Digital temperature display
- Keyed door locks
- Leveling legs

Standard features:

- Average freezer temperature cycle of -20°C
- Average refrigeration temperature cycle of +4°C
- Mechanical thermostat
- Magnetic door gaskets
- Quality certified

Space Saver!



Specifications	Premier Built-in			Standard Freestanding	
	Freezer 4.2 cu. ft.	Freezer 4.2 cu. ft.	Refrigerator 4.6 cu. ft.	Freezer 4 cu. ft.	Refrigerator 4.6 cu. ft.
Temperature:	-20°C			-20°C	+4°C
Defrost:	Manual			Manual	Cycle
Exterior doors:	1 stainless	1 solid	1 solid	1 solid	
Shelves	2 fixed			3 drawers	1 fixed / 2 adj.
Exterior WxDxH:	23.75" x 24.5" x 33.38"			21.5" x 22.5" x 33.5"	
Amps / BTU's	5 / 320			2 / 310	
Weight:	140 lbs (63kg)	148 lbs (67kg)	137 lbs (62kg)	107 lbs (49kg)	109 lbs (49kg)
Cat. No.	490001-854	490001-852	490001-844	490001-862	490001-864

GeneMate
COOL COVERAGE
GUARANTEED

• 2 years, parts & labor • 5 years, compressor parts
RELAX. WE'VE GOT YOU COVERED.

Chromatography & Laboratory Refrigerators

- Temperature range: 0°C to -10°C
- Average cycle temperature: 4°C
- Interior lights safety-shielded and switch-controlled
- Self-closing doors with hold-open latches
- Stainless steel interior floor
- Mechanical thermostat
- Chromatography models feature 2 each, 2" diam. access ports and GFCI-protected electrical outlet

Specifications	19 cu. ft.	26 cu. ft.	47 cu. ft.	49 cu. ft.	69 cu. ft.	72 cu. ft.
Doors:	1 swing	1 swing	2 slide	2 swing	3 slide	3 swing
Shelves:	4	4	8	8	12	12
Internal WxDxH:	24" x 21" x 57"	26" x 25" x 57"	50" x 24" x 56"	50" x 25" x 56"	75" x 24" x 56"	75" x 25" x 56"
External WxDxH:	27" x 25" x 75"	30" x 30" x 79"	54" x 30" x 79"	54" x 30" x 79"	79" x 30" x 80"	79" x 30" x 80"
Chromatography Cat. No.	490015-362	490001-760	490001-776	490001-784	490001-794	490015-370
Laboratory Cat. No.	490015-364	490001-764	490015-366	490001-788	490015-368	490015-372



Low-Speed Orbital Shaker

- Ideal for blot washing and gel staining/destaining
- Gentle, orbital motion for sensitive gels/blots
- Variable speed: 3 to 70rpm
- Load capacity: 9 lbs.



Description	Unit	Cat. No.
Low-Speed Orbital Shaker, 14" x 12" Platform with Rubber Flat Mat	1/Pack	490004-378
14" x 12" Stacking Platform with Rubber Flat Mat	1/Pack	490000-044

GyroMixer Variable XL

- Three-dimensional motion for uniform mixing
- Dimpled mat, perfect for centrifuge tubes
- Variable tilt angle: 0 to 30 degrees
- Variable speed: 2 to 30rpm
- Load capacity: 5 lbs.



Description	Unit	Cat. No.
GyroMixer Variable XL, 12" x 12" Platform w/Dimpled & Flat Mat	1/Pack	490000-120
12" x 12" Stacking Platform with Rubber Flat Mat	1/Pack	490000-038
12" x 12" Stacking Platform with Dimpled Mat	1/Pack	490000-040

3-D GyroBlotters

- Three-dimensional motion for thorough, gentle mixing
- Optimized speed and tilt for gel blotting, washing, and staining
- Tilt angle: ± 8 degrees
- Fixed speed: 12rpm
- Load capacity: 4 lbs.



Shown with
Stacking Platform

Description	Unit	Cat. No.
GyroBlotter, 10.5" x 7.5" Platform with Rubber Flat Mat	1/Pack	490000-098
10.5" x 7.5" Stacking Platform with Rubber Flat Mat	1/Pack	490000-030
10.5" x 7.5" Dimpled Mat	1/Pack	490000-026
GyroBlotter XL, 12" x 12" Platform with Rubber Flat Mat	1/Pack	490000-106
12" x 12" Stacking Platform with Rubber Flat Mat	1/Pack	490000-038
12" x 12" Dimpled Mat	1/Pack	490000-034

Orbital Shaker Mini

- Perfectly circular 19mm orbit for aeration and mixing
- Digital & variable speed 50 to 300rpm
- Load capacity: 4 x 1L or 9 lbs.



Shown with
Magnetic Clamp Platform

Description	Unit	Cat. No.
Orbital Shaker Mini, 9.5" x 8" Platform with Rubber Flat Mat	1/Pack	490000-126
9.5" x 11.5" Magnetic Clamp Platform for flasks & tube racks	1/Pack	490000-138

Orbital Shaker

- Ideal for high capacity aeration & mixing
- Circular orbit 19mm
- Digital & variable speed: 30 to 300rpm
- Load capacity: up to 24 x 125ml, 14 x 250ml, 9 x 500ml, 5 x 1L, or 2 x 2L



Shown with
Magnetic Clamp Platform

Description	Unit	Cat. No.
Orbital Shaker, 13" x 12" Platform with Rubber Flat Mat	1/Pack	490000-128

3-D GyroMixers

- Three-dimensional motion for uniform mixing
- Dimpled mat, perfect for centrifuge tubes
- Tilt angle: ± 20 degrees
- Fixed speed: 24rpm
- Load capacity: 4 lbs.



Description	Unit	Cat. No.
GyroMixer, 10.5" x 7.5" Platform with Dimpled Mat	1/Pack	490000-102
10.5" x 7.5" Stacking Platform with Dimpled Mat	1/Pack	490000-032
10.5" x 7.5" Non-Skid Rubber Flat Mat	1/Pack	490000-028
GyroMixer XL, 12" x 12" Platform with Rubber Flat Mat	1/Pack	490000-110
12" x 12" Stacking Platform with Rubber Flat Mat	1/Pack	490000-040
12" x 12" Dimpled Mat	1/Pack	490000-036

3-D Rocker, Variable Speed

- Variable tilt angle: 0 to 30 degrees
- Low speeds provide a gentle wave effect, 2 to 30rpm
- Load capacity: 8 lbs.



Description	Unit	Cat. No.
Rocker, Variable Speed, 14" x 12" Platform with Rubber Flat Mat	1/Pack	490004-380
14" x 12" Stacking Platform with Rubber Flat Mat	1/Pack	490000-044

Orbital Shaker MP4

- 3mm orbit—optimized for thorough mixing in microplates
- Digital & variable speed 200 to 1,500rpm
- Load capacity: 4 microplates



Description	Unit	Cat. No.
Orbital Shaker MP4 with Platform for 4 Microplates	1/Pack	490000-114

Incubated Shakers & Refrigerated Incubated Shaker

- Mini model lid design accepts up to two 1 Liter flasks
- Constant monitoring systems verifies and maintains accuracy
- **Exchange flask clamps in one second with optional magnetic platform**
- Exceptional temperature uniformity
- Ambient +5°C to 60°C
- Refrig. temp.: -15°C to 60°C
- 19mm shaking orbit
- 30 to 300rpm



Dimensions, WxDxH

Mini: 11" x 15.7" x 19"

10L: 20" x 26" x 19"

10LR: 20" x 31" x 22"

Description	Unit	Cat. No.
Incubated Shaker Mini with Rubber Mat	1/Pack	490000-134
Incubated Shaker 10L with Rubber Mat	1/Pack	490000-176
Incubated Shaker 10LR with Rubber Mat	1/Pack	490000-182

Platform Maximum Capacity:

Flask size	Mini	10L/10LR	Clamp Cat. No.
50ml	20	49	490000-152
125ml	12	36	490000-142
250ml	8	25	490000-148
500ml	5	16	490000-154
1 Liter	2	9	490000-140
2 Liter	0	5	490000-146

Mini Dry Baths

- Simple touch pad control with digital display
- Independent temp. control of lid and block
- Room temperature to 37°C in 2 minutes
- Temperature range: -25°C to 100°C (490017-062)
- Ambient +5°C to 100°C (490000-068 / 490000-072)



Description	Unit	Cat. No.
Mini Dry Bath with Heat & Cooling	1/Pack	490017-062
Mini Dry Bath with Heated Lid	1/Pack	490000-072
Mini Dry Bath	1/Pack	490000-068
Compatible blocks for 490017-062 & 490000-072		
Block, 40 x 0.2ml or 5 x PCR 8-strips	1/Pack	490000-046
Block, 24 x 0.5ml tubes	1/Pack	490000-048
Block, 15 x 1.5ml tubes	1/Pack	490000-060

Digital Dry Bath Plus

- Digital temperature control
- Temperature range: Ambient +5°C to 105°C
- Temperature accuracy / uniformity: $\pm 0.1^\circ\text{C}$ / $\pm 0.2^\circ\text{C}$
- Temperature increments: 0.1°C
- Advanced microprocessor controls
- Timer: Off or 1 min. to 99 hr. 59 min.
- Removable transparent hinged purple lid
- Optional external temperature feedback probe



Description	Unit	Cat. No.
Single Chamber with Quick-Flip Block (0.2, 0.5, 1.5/2.0ml tubes & PCR strips)	1/Pack	490016-768
Dual Chamber with 2 Quick-Flip Blocks (0.2, 0.5, 1.5/2.0ml tubes & PCR strips & PCR plates)	1/Pack	490016-772
Single Chamber without block	1/Pack	490016-766
Dual Chamber without block	1/Pack	490016-770
External Temperature Probe	1/Pack	490015-274
Available Blocks		
Quick-Flip Combination Block Side one: 24 x 1.5/2.0ml and 14 x 0.5ml Side two: 6 PCR strips, 48 x 0.2ml or 1 PCR Plate	1/Pack	490005-746
Block, 24 x 1.5ml tubes	1/Pack	490005-740
Block, 24 x 1.5/2.0ml tubes	1/Pack	490005-742
Block, 24 x 0.5ml tubes	1/Pack	490005-734
Block, 48 x 0.2ml tubes/6 PCR strips	1/Pack	490005-732
Block, 12 x 15ml conical tubes	1/Pack	490015-268
Block, 5 x 50ml conical tubes	1/Pack	490005-744
Block, 1 x 96-well PCR plate (single block models)	1/Pack	490015-272
Block, 1 x 96-well PCR plate (2/4 block models)	1/Pack	490005-748



The GeneMate Guarantee:

All GeneMate equipment* is covered by a **2-year, warranty****.

If any GeneMate benchtop product fails under warranty, it will be replaced or repaired—**Guaranteed**.

*Some Refrigerators and Freezers excepted. See our Cool Coverage Guarantee on page 7.

**Some restrictions apply



Digital Dry Baths

- Single, double, and four block capacity
- Temperature range: Ambient +5°C to 150°C
- Temperature accuracy/uniformity: $\pm 0.2^\circ\text{C}$
- Temperature increments: 0.1°C
- Timer: 1 to 999 minutes
- Touchpad digital display with built-in timer
- Easy to use block lifter included
- High grade aluminum blocks, sold separately



Dimensions: WxDxH
 490016-616: 7.8" x 9" x 3.2"
 490016-618: 8.7" x 10.3" x 3.2"
 490016-620: 8.7" x 14" x 3.2"



Description	Unit	Cat. No.
Digital Dry Bath, single block capacity	1/Pack	490016-616
Digital Dry Bath, dual block capacity	1/Pack	490016-618
Digital Dry Bath, four block capacity	1/Pack	490016-620
Available Blocks, sold separately		
Block, 24 x 1.5ml tubes	1/Pack	490005-740
Block, 24 x 1.5/2.0ml tubes	1/Pack	490005-742
Block, 24 x 0.5ml tubes	1/Pack	490005-734
Block, 48 x 0.2ml tubes/6 PCR strips	1/Pack	490005-732
Block, 12 x 15ml conical tubes	1/Pack	490015-268
Block, 5 x 50ml conical tubes	1/Pack	490005-744
Block, 20 x 2.0ml tubes	1/Pack	490005-736
Block, 20 x 5/7ml blood tubes	1/Pack	490005-738
Block, 1 x 96-well PCR plate (single block models)	1/Pack	490015-272
Block, 1 x 96-well PCR plate (2/4 block models)	1/Pack	490005-748
Block, Solid for slides/custom machining	1/Pack	490005-730

Minifuge

- Ideal for quickspins, filtrations of samples, cell separations, etc.
- 6,000rpm / 2,000 x g
- Includes: 6 x 1.5ml rotor, and two sizes of adapters (0.4ml & 0.5ml)
- Strip tube rotor holds 16 x 0.2ml tubes
- Starts & stops with opening & closing of the lid



Description	Unit	Cat. No.
Minifuge	1/Pack	490000-612

SpinMate 24 Microcentrifuge

- 24 x 1.5/2.0ml rotor included
- 13,300rpm / 16,300 x g
- Powerful brushless motor
- Multi-flow air cooling system
- Quiet operation
- Quick-Spin feature
- WxDxH: 9.13" x 12.25" x 8.5"
- 19 lbs. (8.62kg)



Description	Unit	Cat. No.
SpinMate 24 Microcentrifuge	1/Pack	490002-190

SpinMate 24R Refrigerated Microcentrifuge

- Includes a solid aluminum 24 x 1.5/2.0ml rotor
- Intuitive controls, 0.5 to 99 min. or cont. timer
- Powerful brushless motor
- 500 to 13,500rpm/17,135 x g
- Temp: -10°C to 40°C
- WxDxH: 10.9" x 17.75" x 9.75"
- Weight: 44 lbs. (20kg)



Description	Unit	Cat. No.
SpinMate 24R Refrigerated Microcentrifuge	1/Pack	490017-022

pH Meters

- Automatic buffer recognition
- Precision measurements
- Simple one-button standardization
- Three-point calibration to ensure linearity
- Data storage of 300 samples
- IP54 protection from dust and liquids
- GLP Documentation: samples number, value, date, time calibration data and serial number
- Includes mercury-free, TRIS-compatible electrode



	pH	mV	Temperature
Range:	-2.00 to 19.99	±1999	-10°C to 110°C
Resolution:	0.1 or 0.01	0.1	0.1
Accuracy:	0.01	±0.1% (full scale)	±1°C
Automatic Temperature Compensation:			
			0°C to 100°C

Description	Unit	Cat. No.
BioMeter pH Meter Kit Includes: Meter, TRIS-compatible glass pH Electrode (490003-150), ATC Probe (490004-742) and flexible arm electrode holder	1/Pack	490003-132
pH Meter and Arm Kit Includes: Meter and flexible arm electrode holder	1/Pack	490003-134
pH Meter, ATC and Arm Kit Includes: Meter, ATC Probe (490004-742) and flexible arm electrode holder	1/Pack	490003-136
pH Meter, only	1/Pack	490003-130

Magnetic Stirrers

- Ideal for everyday laboratory applications
- 120mm diameter platform
- Capacity: 1000ml
- Speed: 0 to 2,300rpm
- Speed ramping prevents spills and enhances sample mixing



Description	Unit	Cat. No.
Magnetic Stirrer	1/Pack	490003-122
Magnetic Stirrer with Fixed Arm Electrode Holder	1/Pack	490004-752

pH Electrodes

- Compatible with any meter with BNC connector



Description	Unit	Cat. No.
pH Electrode: Plastic-body, gel-filled	1/Pack	490003-144
pH/ATC Electrode: Plastic-body, gel-filled	1/Pack	490003-143
pH Electrode: Plastic-body, gel-filled, double-junction	1/Pack	490004-740
pH Electrode: TRIS-compatible, glass-body, liquid-filled, break-resistant, platinum junction	1/Pack	490003-150
pH Micro-Electrode: TRIS-compatible, glass-body, liquid-filled, break-resistant, platinum junction	1/Pack	490003-152
ORP Electrode: Plastic-body, gel-filled	1/Pack	490004-744
ACT Probe for GeneMate Meters	1/Pack	490004-742

GeneMate

GeneMate
GUARANTEE



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*Some Refrigerators and Freezers excepted. See our Cool Coverage Guarantee on page 7.

**Some restrictions apply



Single-Channel Pipettors

- Fully autoclavable
- Extended finger rest for greater pipetting comfort
- Continuously adjustable volume increments
- Improved ergonomic design
- Low dispensing and ejector forces
- In-Lab calibration tool provided
- Remodeled handle design for enhanced "feel"
- Extra ejection bar spacers provided for wide tip compatibility
- Volume adjustment from dispenser button or thumbwheel
- Chemically resistant nose cones
- Larger volume display window
- 3-year warranty against manufacturing defects
- Four colors available



- Tip Ejector System on 2–1000µl Pipettors:**
- Safe Click-to-Fix system
 - Easy height adjustment
 - Fits virtually all brands of tips

Description	Vol. Range	Accuracy	Precision	Unit	GRAPHITE Cat. No.	PURPLE Cat. No.	BLUE Cat. No.	PINK Cat. No.
Single-channel Pipettors	0.1–2µl	±12 to ±1.5%	±6.0 to ±0.7%	1/Pack	490014-632	490014-618	490014-664	490014-648
Single-channel Pipettors	0.5–10µl	±4.0 to ±0.5%	±2.8 to ±0.4%	1/Pack	490014-626	490014-612	490014-658	490014-642
Single-channel Pipettors	2–20µl	±3.0 to ±0.8%	±1.5 to ±0.3%	1/Pack	490014-634	490014-620	490014-666	490014-650
Single-channel Pipettors	10–100µl	±1.6 to ±0.8%	±0.8 to ±0.2%	1/Pack	490014-628	490014-614	490014-660	490014-644
Single-channel Pipettors	20–200µl	±1.2 to ±0.6%	±0.6 to ±0.2%	1/Pack	490014-636	490014-622	490014-668	490014-652
Single-channel Pipettors	100–1000µl	±1.6 to ±0.6%	±0.4 to ±0.15%	1/Pack	490014-630	490014-616	490014-662	490014-646
Single-channel Pipettors	1000–5000µl	±0.6 to ±0.5%	±0.25 to ±0.15%	1/Pack	490014-640	490014-624	490014-672	490014-656

Description	Unit	Cat. No.
Universal Six-Place Carousel Stand, White	1/Pack	490002-358

Pipettor Starter Packs

- FOUR Single-channel Pipettors (10µl, 20µl, 200µl, & 1000µl)
- THREE Racks of GeneMate Pipet Tips (10µl, 200µl, & 1250µl)
- ONE Six-place Carousel Stand



Description	Pipettor Color	Cat. No.
Pipettor Starter Pack	PURPLE	490015-154
Pipettor Starter Pack	GRAPHITE	490014-638
Pipettor Starter Pack	PINK	490014-654
Pipettor Starter Pack	BLUE	490014-670

Multichannel Pipettors

- Fully autoclavable
- Lightweight and exceptionally durable
- Low dispensing and ejector forces
- Large volume display window
- 3-year warranty against manufacturing defects



Description	Vol. Range	Accuracy	Precision	Unit	Cat. No.
8-channel Pipettor	1–10µl	±8.0 to ±2.0%	±6.0 to ±1.2%	1/Pack	490014-596
8-channel Pipettor	5–50µl	±4.0 to ±1.6%	±2.5 to ±0.6%	1/Pack	490014-602
8-channel Pipettor	20–200µl	±3.0 to ±1.0%	±1.5 to ±0.6%	1/Pack	490014-598
8-channel Pipettor	50–300µl	±1.6 to ±1.0%	±1.5 to ±0.6%	1/Pack	490014-600
12-channel Pipettor	1–10µl	±8.0 to ±2.0%	±6.0 to ±1.2%	1/Pack	490014-604
12-channel Pipettor	5–50µl	±4.0 to ±1.6%	±2.5 to ±0.6%	1/Pack	490014-610
12-channel Pipettor	20–200µl	±3.0 to ±1.0%	±1.5 to ±0.6%	1/Pack	490014-606
12-channel Pipettor	50–300µl	±1.6 to ±1.0%	±1.5 to ±0.6%	1/Pack	490014-608

5 good reasons to choose GeneMate Pipet Tips over other major brands.

- 1. Barrier/Filter:** GeneMate filters are thicker than those of leading brands, ensuring maximum contaminant protection.
- 2. Clarity:** Proprietary resin yields remarkable transparency improving visibility and accuracy during the pipetting process.
- 3. Low-Retention:** GeneMate Low-Retention Tips outperform those of leading brands. The results speak for themselves!
- 4. Superior Fit:** GeneMate Tips are tested with over 50 different pipettor brands to ensure proper fit and the best seal.
- 5. Reload Family:** Reduces plastic waste, fully recyclable & saves space.



Racked Barrier Pipet Tips, Sterile

- Thin-wall crown design provides optimum seal
- Universal fit on all standard single and multichannel pipettors
- Fully recyclable trays and racks
- Graduation marks on all tips for quick volume reference
- Certified free of detectable DNase, RNase, human DNA, and endotoxins



Description	Volume	Color	Sterility	Unit	Cat. No.
Low-Retention Barrier					
Barrier Pipet Tips	10µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-464
Barrier Pipet Tips	10µl Extended Length	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-476
Barrier Pipet Tips	20µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-484
Barrier Pipet Tips	100µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-466
Barrier Pipet Tips	200µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-486
Barrier Pipet Tips	1000µl	Natural	Sterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-468
Barrier Pipet Tips	1250µl	Natural	Sterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-480
Non Low-Retention Barrier					
Barrier Pipet Tips	10µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-538
Barrier Pipet Tips	10µl Extended Length	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-550
Barrier Pipet Tips	20µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-558
Barrier Pipet Tips	100µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-540
Barrier Pipet Tips	200µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-560
Barrier Pipet Tips	1000µl	Natural	Sterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-542
Barrier Pipet Tips	1250µl	Natural	Sterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-554

Pipet Tips

- Thin-wall crown design provides optimum seal
- Universal fit on all standard single and multichannel pipettors
- Fully recyclable trays and racks
- Graduation marks on all tips for quick volume reference
- Certified free of detectable DNase, RNase, human DNA, and endotoxins



Hinged & Lift-Off Lid

Adjustable lid that can be used as a hinged or lift-off lid.



Raised Rim

Raised rim on lid enables racks to stack on top of each other, making them easier to securely store and transport.

Racked Pipet Tips, Non-Sterile

Description	Volume	Color	Sterility	Unit	Cat. No.
Low-Retention					
Racked Pipet Tips	10µl	Natural	Nonsterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-358
Racked Pipet Tips	10µl Extended Length	Natural	Nonsterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-368
Racked Pipet Tips	200µl	Natural	Nonsterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-380
Racked Pipet Tips	300µl	Natural	Nonsterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-386
Racked Pipet Tips	1000µl	Natural	Nonsterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-362
Racked Pipet Tips	1250µl	Natural	Nonsterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-374
Non Low-Retention					
Racked Pipet Tips	10µl	Natural	Nonsterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-310
Racked Pipet Tips	10µl Extended Length	Natural	Nonsterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-318
Racked Pipet Tips	200µl	Natural	Nonsterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-326
Racked Pipet Tips	300µl	Natural	Nonsterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-330
Racked Pipet Tips	1000µl	Natural	Nonsterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490004-642
Racked Pipet Tips	1250µl	Natural	Nonsterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-322

Racked Pipet Tips, Sterile

Description	Volume	Color	Sterility	Unit	Cat. No.
Low-Retention					
Racked Pipet Tips	10µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-392
Racked Pipet Tips	10µl Extended Length	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-400
Racked Pipet Tips	200µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-408
Racked Pipet Tips	300µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-412
Racked Pipet Tips	1000µl	Natural	Sterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-394
Racked Pipet Tips	1250µl	Natural	Sterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-404
Non Low-Retention					
Racked Pipet Tips	10µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-334
Racked Pipet Tips	10µl Extended Length	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-342
Racked Pipet Tips	200µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-350
Racked Pipet Tips	300µl	Natural	Sterile	960/Pack (10 racks of 96) 4800/Case (50 racks of 96)	490000-354
Racked Pipet Tips	1000µl	Natural	Sterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-336
Racked Pipet Tips	1250µl	Natural	Sterile	768/Pack (8 racks of 96) 3840/Case (40 racks of 96)	490000-346

Pipet Tip Reloads, Non-Sterile

Description	Volume	Color	Sterility	Unit	Cat. No.
Low-Retention					
Pipet Tip Reloads	10µl	Natural	Nonsterile	960/Pack (10 decks of 96) 4800/Case (50 decks of 96)	490000-440
Pipet Tip Reloads	10µl Extended Length	Natural	Nonsterile	960/Pack (10 decks of 96) 4800/Case (50 decks of 96)	490000-448
Pipet Tip Reloads	200µl	Natural	Nonsterile	960/Pack (10 decks of 96) 4800/Case (50 decks of 96)	490000-456
Pipet Tip Reloads	300µl	Natural	Nonsterile	960/Pack (10 decks of 96) 4800/Case (50 decks of 96)	490000-460
Pipet Tip Reloads	1000µl	Natural	Nonsterile	768/Pack (8 decks of 96) 3840/Case (40 decks of 96)	490000-442
Pipet Tip Reloads	1250µl	Natural	Nonsterile	768/Pack (8 decks of 96) 3840/Case (40 decks of 96)	490000-452
Non Low-Retention					
Pipet Tip Reloads	10µl	Natural	Nonsterile	960/Pack (10 decks of 96) 4800/Case (50 decks of 96)	490000-416
Pipet Tip Reloads	10µl Extended Length	Natural	Nonsterile	960/Pack (10 decks of 96) 4800/Case (50 decks of 96)	490000-424
Pipet Tip Reloads	200µl	Natural	Nonsterile	960/Pack (10 decks of 96) 4800/Case (50 decks of 96)	490000-432
Pipet Tip Reloads	300µl	Natural	Nonsterile	960/Pack (10 decks of 96) 4800/Case (50 decks of 96)	490014-414
Pipet Tip Reloads	1000µl	Natural	Nonsterile	768/Pack (8 decks of 96) 3840/Case (40 decks of 96)	490000-418
Pipet Tip Reloads	1250µl	Natural	Nonsterile	768/Pack (8 decks of 96) 3840/Case (40 decks of 96)	490000-428



Reload Family

Reduces plastic waste,
fully recyclable and saves space.

Bulk Pipet Tips, Non-Sterile

Description	Volume	Color	Sterility	Unit	Cat. No.
Low-Retention					
Bulk Pipet Tips	10µl	Natural	Nonsterile	1 bag of 1000/Pack 10 bags of 1000/Case	490000-496
Bulk Pipet Tips	10µl Extended Length	Natural	Nonsterile	1 bag of 1000/Pack 10 bags of 1000/Case	490000-504
Bulk Pipet Tips	200µl	Natural	Nonsterile	1 bag of 1000/Pack 10 bags of 1000/Case	490000-512
Bulk Pipet Tips	200µl	Yellow	Nonsterile	1 bag of 1000/Pack 10 bags of 1000/Case	490000-516
Bulk Pipet Tips	1000µl	Natural	Nonsterile	1 bag of 1000/Pack 10 bags of 1000/Case	490000-498
Bulk Pipet Tips	1250µl	Natural	Nonsterile	1 bag of 768/Pack 10 bags of 7680/Case	490000-508
Non Low-Retention					
Bulk Pipet Tips	10µl	Natural	Nonsterile	1 bag of 1000/Pack 10 bags of 1000/Case	490000-286
Bulk Pipet Tips	10µl Extended Length	Natural	Nonsterile	1 bag of 1000/Pack 10 bags of 1000/Case	490000-294
Bulk Pipet Tips	200µl	Natural	Nonsterile	1 bag of 1000/Pack 10 bags of 1000/Case	490000-302
Bulk Pipet Tips	200µl	Yellow	Nonsterile	1 bag of 1000/Pack 10 bags of 1000/Case	490000-306
Bulk Pipet Tips	1000µl	Natural	Nonsterile	1 bag of 768/Pack 10 bags of 7680/Case	490000-288
Bulk Pipet Tips	1250µl	Natural	Nonsterile	1 bag of 768/Pack 10 bags of 7680/Case	490000-298



Pipet Tip Reload Starter Packs, Non-Sterile

- Low-Retention
- Includes 1 pack of 10 racks of 96 tips and 1 pack of 10 reload decks of 96 tips

Description	Volume	Color	Sterility	Unit	Cat. No.
Reload Starter Pack	10µl	Natural	Nonsterile	10 racks of 96 & 10 reload decks of 96	490015-922
Reload Starter Pack	10µl (Ext. Length)	Natural	Nonsterile	10 racks of 96 & 10 reload decks of 96	490000-373
Reload Starter Pack	200µl	Natural	Nonsterile	10 racks of 96 & 10 reload decks of 96	490015-924
Reload Starter Pack	300µl	Natural	Nonsterile	10 racks of 96 & 10 reload decks of 96	490015-926
Reload Starter Pack	1250µl	Natural	Nonsterile	10 racks of 96 & 10 reload decks of 96	490000-379



Microcentrifuge Tubes

- Free of detectable DNase, RNase, and human DNA
- Temperature range: -90°C to 121°C
- Ultimate in clarity, glass-like
- Graduations every 100µl
- Frosted side writing surface
- Rated to 20,000 x g



Standard Tubes

- **Ultimate boiling protection**
- Firm and secure cap closure

SnapSeal Tubes

- Ideal for basic boiling applications
- Wide cap flange for easy opening
- Chamfered tube opening for rapid cap closure



Low Adhesion Tubes

- Low adhesion surface provides minimal to low binding

Dayglow Neon Tubes

- Fully autoclavable
- Not recommended for boiling applications



Description	Volume	Color	Sterility	Unit	Cat. No.
Standard Tubes	0.65ml	Clear	Nonsterile	1000/Pack 10,000/Case	490004-456
Standard Tubes	0.65ml	Clear	Sterile	500/Pack 5000/Case	490003-194
Standard Tubes	0.65ml	Assorted Colors	Nonsterile	1000/Pack 10,000/Case	490003-188
Standard Tubes	1.7ml	Clear	Nonsterile	500/Pack 5000/Case	490004-444
Standard Tubes	1.7ml	Clear	Sterile	250/Pack 2500/Case	490003-248
Standard Tubes	1.7ml	Assorted colors	Nonsterile	500/Pack 5000/Case	490003-228
Standard Tubes	2.0ml	Clear	Nonsterile	500/Pack 5000/Case	490004-458
Standard Tubes	2.0ml	Assorted colors	Nonsterile	500/Pack 5000/Case	490003-300

Visit vwr.com for additional color options

Description	Volume	Color	Sterility	Unit	Cat. No.
SnapSeal Tubes	1.7ml	Clear	Nonsterile	500/Pack 5000/Case	490004-436
SnapSeal Tubes	1.7ml	Assorted Colors	Nonsterile	500/Pack 5000/Case	490003-282

Visit vwr.com for additional color options

Description	Volume	Color	Sterility	Unit	Cat. No.
Low Adhesion Tubes	0.65ml	Clear	Nonsterile	500/Pack 5000/Case	490003-190
Low Adhesion Tubes	1.7ml	Clear	Nonsterile	250/Pack 2500/Case	490003-230
Low Adhesion Tubes	2.0ml	Clear	Nonsterile	250/Pack 2500/Case	490003-302

Visit web for additional color options

Description	Volume	Color	Sterility	Unit	Cat. No.
Dayglow Neon Tubes	0.65ml	Assorted colors	Nonsterile	100/Pack 10,000/Case	490003-246
Dayglow Neon Tubes	1.7ml	Assorted colors	Nonsterile	500/Pack 5000/Case	490003-192

5.0ml Polypropylene Tubes

- Dual graduations—every 0.2 & 0.5ml
- Sterile: Free of RNase, DNase & Pyrogens
- Non-sterile: Free of RNase, DNase

5.0ml Tubes

- Easy-open flip top
- Syringe port in cap with No-splash™ cap seal
- Designed to stay sealed for up to 10 minutes when samples are “boiled” at 100°C

5.0ml Screw Cap Tubes

- Temperature range: -86°C to 100°C
- 20mm (OD) caps included
- Screw caps seal with a single 360° turn



Description	Volume	Color	Sterility	Unit	Cat. No.
Tubes	5.0ml	Clear	Nonsterile	200/Case	490016-654
Tubes	5.0ml	Clear	Sterile	200/Case	490016-656
Tubes	5.0ml	Red	Nonsterile	200/Case	490016-664
Tubes	5.0ml	Green	Nonsterile	200/Case	490016-660
Tubes	5.0ml	Blue	Nonsterile	200/Case	490016-658
Tubes	5.0ml	Yellow	Nonsterile	200/Case	490016-666
Tubes	5.0ml	Opaque Black	Nonsterile	200/Case	490016-662
Screw Cap Tubes	5.0ml	Clear, Bulk	Nonsterile	100/Bag-500/Case	490019-560
Screw Cap Tubes	5.0ml	Clear, Racked	Sterile	50/Rack-500/Case	490019-562
CapLock Clip™ with breakaway lifting tab			Nonsterile	20/Pack	490017-082

Screw Cap Tubes & Caps

- Ideal for boiling applications
- Can be centrifuged to over 20,000 x g
- Temperature range: -196°C to 121°C (not for immersion in liquid nitrogen)
- Certified RNase, DNase, DNA, and pyrogen free
- Autoclavable ethylene-propylene O-Ring with a leak-free seal
- Polypropylene



Description	Volume	Bottom	Sterility	Unit	Cat. No.
Screw Cap Tubes & Caps	0.5ml	Skirted	Sterile	250/Pack 2500/Case	490003-408
Screw Cap Tubes & Caps	1.5ml	Conical	Sterile	2500/Case	490003-416
Screw Cap Tubes & Caps	2.0ml	Skirted	Sterile	2500/Case	490003-436

15 & 50ml Centrifuge Tubes

- 15,000 x g max. RCF (15ml)
- 9,500 x g max. RCF (50ml)
- Non-pyrogenic/non-cytotoxic
- Free of detectable DNase, RNase, and human DNA
- Polypropylene



Description	Volume	Package	Sterility	Unit	Cat. No.
Conical Tubes	15ml	Racked	Sterile	10 racks of 50/Pack	490001-621
Conical Tubes	15ml	Bulk	Sterile	10 bags of 50/Pack	490001-623
Conical Tubes	50ml	Racked	Sterile	20 racks of 25/Pack	490001-627
Conical Tubes	50ml	Bulk	Sterile	10 bags of 50/Pack	490001-624

Reagent Reservoirs, Polystyrene

- Divided reservoirs feature 3 chambers which hold up to 5ml each
- Certified RNase- and DNase-Free; Non-Pyrogenic
- Trough design with pour spouts in each corner
- Graduation marks on inner walls



Description	Volume	Package	Sterility	Unit	Cat. No.
Reservoirs	25ml	Bulk	Sterile	5/Bag-100/Case	490000-260
Reservoirs	25ml	Indiv. Wrapped	Sterile	1/Bag-50/Case	490000-272
Reservoirs - Divided	25ml	Bulk	Sterile	5/Bag-100/Case	490000-280
Reservoirs - Divided	25ml	Indiv. Wrapped	Sterile	1/Bag-50/Case	490000-282
Reservoirs	50ml	Bulk	Sterile	5/Bag-100/Case	490000-262
Reservoirs	50ml	Indiv. Wrapped	Sterile	1/Bag-50/Case	490000-278
Reservoirs	100ml	Bulk	Sterile	5/Bag-100/Case	490000-264
Reservoirs	100ml	Indiv. Wrapped	Sterile	1/Bag-50/Case	490000-276



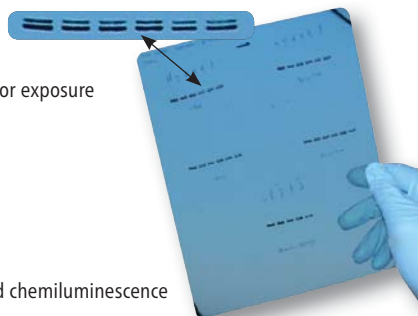
Laboratory Notebooks

- Numbered pages include spaces for title, project number, book number, date, and witness signature
- Covers are waterproof and chemical resistant
- Periodic and conversion tables in back
- Measures: 8.5" x 11"

Description	Pages	Color	Format	Unit	Cat. No.
Notebook	100-Page	Black	Grid	1/Pack	490001-632
Notebook	200-Page	Blue	Grid	1/Pack	490001-634
Notebook	200-Page	Red	Lined	1/Pack	490001-636

Blue Autoradiography Film

- Exceptional sharpness
- Extremely low backgrounds
- Publishing-grade results
- Consistently superior results for exposure of blotting experiments



Blue Lite:

- Lowest background
- Ideal for chemiluminescence

Blue Basic:

- Ideal for autoradiography and chemiluminescence

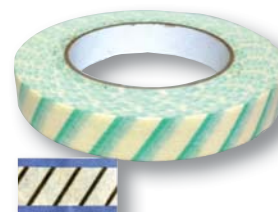
Blue Ultra:

- Highest sensitivity for all applications

Description	Type	Size	Unit	Cat. No.
Blue Autoradiography Film	Lite	8" x 10"	100/Pack	490001-950
Blue Autoradiography Film	Lite	14" x 17"	100/Pack	490001-934
Blue Autoradiography Film	Basic	5" x 7"	100/Pack	490001-930
Blue Autoradiography Film	Basic	8" x 10"	100/Pack	490001-952
Blue Autoradiography Film	Basic	14" x 17"	100/Pack	490001-928
Blue Autoradiography Film	Ultra	8" x 10"	100/Pack	490001-926
Blue Autoradiography Film	Ultra	14" x 17"	100/Pack	490001-946

Black Stripe Autoclave Tape

- Aggressive, pressure-sensitive adhesive
- Can be used in direct contact with substrates
- Black diagonal lines appear on the tape after 10 minutes at 121°C or 2 minutes at 134°C in a steam sterilizer.



Description	Size	Unit	Cat. No.
Black Stripe Autoclave Tape	¾" x 60 yards with 3" core	1 Roll/Pack	490017-974
Black Stripe Autoclave Tape	¾" x 60 yards with 3" core	4 Rolls/Case	490017-972
Black Stripe Autoclave Tape	1" x 60 yards with 3" core	1 Roll/Pack	490017-978
Black Stripe Autoclave Tape	1" x 60 yards with 3" core	3 Rolls/Case	490017-976

Autoclave Bags

- Biohazard symbol
- Heavy gauge polypropylene
- Large white marking area
- Resistant to stretching and poking
- Leak-resistant and strong seamless bottoms



Description	Size	Color	Unit	Cat. No.
Autoclave Bags	8.5" x 11"	Red	100/Pack	490016-630
Autoclave Bags	12" x 26"	Clear	200/Pack	490016-622
Autoclave Bags	12" x 26"	Red	200/Pack	490016-624
Autoclave Bags	24" x 32"	Clear	200/Pack	490016-626
Autoclave Bags	24" x 32"	Red	200/Pack	490016-628

Western Blot Boxes

- Ideal for halves, wholes, strips, or minis
- Easy-to-open hinged lid reduces evaporation
- Reduce antibody usage
- 90° angle corners
- Polystyrene



Description	Format	Size	Color	Unit	Cat. No.
Western Blot Boxes	Micro-Strip	7.3 x 3.0 x 1.9cm	Clear	5/Pack 400/Case	490016-632
Western Blot Boxes	Mini-Rectangle	7.3 x 5.1 x 3.2cm	Clear	5/Pack 400/Case	490016-638
Western Blot Boxes	Med. Rectangle	8.9 x 6.5 x 2.5cm	Clear	5/Pack 250/Case	490016-640
Western Blot Boxes	Med. Rectangle	8.9 x 6.5 x 2.5cm	Black	5/Pack 250/Case	490016-642
Western Blot Boxes	Long Strip	9.5 x 3.0 x 1.6cm	Clear	5/Pack 340/Case	490016-644
Western Blot Boxes	Medium Strip	11.1 x 5.2 x 4.7cm	Clear	5/Pack 135/Case	490016-646
Western Blot Boxes	Large	11.7 x 8.9 x 2.8cm	Clear	5/Pack 180/Case	490016-648
Western Blot Boxes	Square	11.4 x 11.4 x 3.2cm	Clear	5/Pack 120/Case	490016-650
Western Blot Boxes	Square	11.4 x 11.4 x 3.2cm	Black	5/Pack 120/Case	490016-652
Western Blot Boxes	Extra Large	15.2 x 10.2 x 3.2cm	Clear	5/Pack 90/Case	490016-634
Western Blot Boxes	XX-Large	15.2 x 10.2 x 5.1cm	Clear	5/Pack 60/Case	490016-636

Cardboard Freezer Boxes & Dividers

- Fits in standard freezer racks



Description	L x W x H	Unit	Cat. No.
2" Cardboard Box & Lid	5 1/4" x 5 1/4" x 2"	1/Pack	490000-570
3" Cardboard Box & Lid	5 1/4" x 5 1/4" x 3"	1/Pack	490000-573
Dividers Only			
81-Cell Divider	4 7/8" x 4 7/8" x 1 1/4"	1/Pack	490000-576
100-Cell Divider	4 7/8" x 4 7/8" x 1 1/4"	1/Pack	490000-574
Cardboard Boxes & Lid with Drain Holes & Dividers			
2" Box & Lid with 81-Cell Divider	5 1/4" x 5 1/4" x 2"	1/Pack	490000-820
2" Box & Lid with 100-Cell Divider	5 1/4" x 5 1/4" x 2"	1/Pack	490000-812
3" Box & Lid with 81-Cell Divider	5 1/4" x 5 1/4" x 3"	1/Pack	490000-832
3" Box & Lid with 100-Cell Divider	5 1/4" x 5 1/4" x 3"	1/Pack	490000-826

15 & 50ml Conical Tube Boxes

- Ideal for freezer storage
- Frosted writing surface on two opposite lid sides for easy labeling
- Durable polypropylene
- White numerical indexing
- 5.38" x 5.38" x 5" with lid



Description	Color	Format	Unit	Cat. No.
15ml Conical Tube Boxes	Green	36-Place	2/Pack 12/Case	490004-200
50ml Conical Tube Boxes	Blue	16-Place	2/Pack 12/Case	490004-202

Cryogenic Storage Boxes



- Numeric label grid printed on clear lid
- Drain holes for venting & safety
- Polycarbonate
- Designed to withstand temperatures of -196°C to 121°C
- 5.25" x 5.25" x 2"

**Fits in standard
freezer racks**

Description	Format	Unit	Cat. No.
Cryogenic Storage Box	81-Place	1/Pack	490000-792
Cryogenic Storage Box	100-Place	1/Pack	490000-790

96-Well PCR Storage Racks

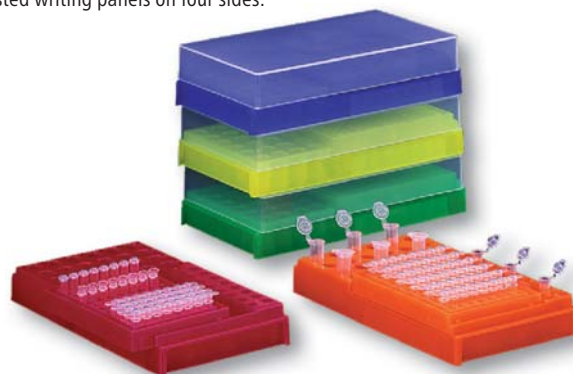
- Ideal for 0.2ml tubes or strip tubes
- 8 x 12 microtiter format, indexed rack
- 5.1" x 3.5" x 1.25"(H) with lid



Description	Color	Unit	Cat. No.
96-Well PCR Storage Racks	Fluorescent Assorted Colors (blue, green, orange, pink, yellow)	5/Pack 20/Case	490003-978
96-Well PCR Storage Racks	Blue	5/Pack 20/Case	490003-968
96-Well PCR Storage Racks	Green	5/Pack 20/Case	490003-970
96-Well PCR Storage Racks	Orange	5/Pack 20/Case	490003-972
96-Well PCR Storage Racks	Pink	5/Pack 20/Case	490003-974
96-Well PCR Storage Racks	Yellow	5/Pack 20/Case	490003-976

Multi-Well PCR Rack Systems with Lid

Ideal for PCR plates, 8- or 12-tube strips, or 0.2ml tubes. The 96-well 8 x 12 microtiter format rack is easily mounted over the 32-well 0.2ml tube section of the base rack. Frosted writing panels on four sides.



Description	Color	Unit	Cat. No.
Multi-Well Racks without PCR Racks	Assorted colors	5/Pack 10/Case	490003-956
Multi-Well Racks without PCR Racks	Blue	5/Pack 10/Case	490003-946
Multi-Well Racks without PCR Racks	Green	5/Pack 10/Case	490003-948
Multi-Well Racks without PCR Racks	Orange	5/Pack 10/Case	490003-950
Multi-Well Racks without PCR Racks	Yellow	5/Pack 10/Case	490014-768
Multi-Well Racks with PCR Racks	Assorted colors	5/Pack 10/Case	490015-706
Multi-Well Racks with PCR Racks	Blue	5/Pack 10/Case	490003-959
Multi-Well Racks with PCR Racks	Green	5/Pack 10/Case	490003-960
Multi-Well Racks with PCR Racks	Orange	5/Pack 10/Case	490014-770
Multi-Well Racks with PCR Racks	Yellow	5/Pack 10/Case	490003-966

Visit vwr.com for complete listing



100-Place Cryogenic Storage Racks

- Ideal for 1.5/2.0ml tubes and 1.2ml cryovials
- Sturdy polypropylene
- Hinged Lid
- Rated to -90°C
- 5.55" x 6.05" x 2.15"

Description	Format	Color	Unit	Cat. No.
Cryogenic Racks	100-Place	Fluorescent Assorted Colors (blue, green, orange, pink, yellow)	5/Pack 20/Case	490004-198
Cryogenic Racks	100-Place	Natural	1/Pack 20/Case	490004-186
Cryogenic Racks	100-Place	Blue	1/Pack 20/Case	490004-188
Cryogenic Racks	100-Place	Green	1/Pack 20/Case	490004-190
Cryogenic Racks	100-Place	Orange	1/Pack 20/Case	490004-192
Cryogenic Racks	100-Place	Pink	1/Pack 20/Case	490004-194
Cryogenic Racks	100-Place	Yellow	1/Pack 20/Case	490004-196

50-Place Microtube Freezer Racks

- Hinged lid
- Rated to -90°C
- Ideal 1.5/2.0ml microtubes and 1.2ml cryovials
- 2.8" x 6.0" x 2.1"



Description	Format	Color	Unit	Cat. No.
Microtube Freezer Racks	50-Place	Assorted Colors	5/Pack 20/Case	490004-184
Microtube Freezer Racks	50-Place	Natural	5/Pack 20/Case	490004-172
Microtube Freezer Racks	50-Place	Blue	5/Pack 20/Case	490004-174
Microtube Freezer Racks	50-Place	Green	5/Pack 20/Case	490004-176
Microtube Freezer Racks	50-Place	Orange	5/Pack 20/Case	490004-178
Microtube Freezer Racks	50-Place	Pink	5/Pack 20/Case	490004-180
Microtube Freezer Racks	50-Place	Yellow	5/Pack 20/Case	490004-182

4-Way™ Flipper® Racks

Holds:

- (32) 0.5ml tubes
- (32) 1.5/2.0ml tubes
- (12) 15ml conical tubes
- (4) 50ml conical tubes



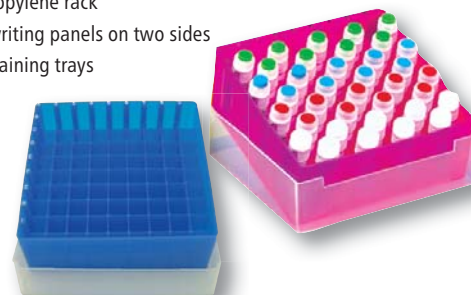
Description	Color	Unit	Cat. No.
4-Way™ Flipper® Rack	Fluorescent Assorted Colors (blue, green, orange, pink, yellow)	1/Pack 20/Case	490004-124
4-Way™ Flipper® Rack	Natural	1/Pack 20/Case	490004-112
4-Way™ Flipper® Rack	Black	1/Pack 20/Case	490004-126

Visit vwr.com for complete listing

81-Place Freezer Storage Racks

- Ideal for 1.5/2.0ml microtubes and 1.2ml cryovials
- Sturdy reusable polypropylene rack
- Clear lid with frosted writing panels on two sides
- Lids also make good staining trays
- Rated to -90°C
- 5.25" x 5.25"

Fits in standard
freezer racks



Description	Format	Color	Unit	Cat. No.
Freezer Racks with Lid	81-Place	Fluorescent Assorted Colors (blue, green, orange, pink, yellow)	5/Pack 20/Case	490004-166
Freezer Racks with Lid	81-Place	Natural	5/Pack 20/Case	490004-154
Freezer Racks with Lid	81-Place	Blue	5/Pack 20/Case	490004-156
Freezer Racks with Lid	81-Place	Green	5/Pack 20/Case	490004-158
Freezer Racks with Lid	81-Place	Orange	5/Pack 20/Case	490004-160
Freezer Racks with Lid	81-Place	Pink	5/Pack 20/Case	490004-162
Freezer Racks with Lid	81-Place	Yellow	5/Pack 20/Case	490004-164
Freezer Racks with Lid	81-Place	Black	5/Pack 20/Case	490004-168

80-Place Microtube Racks

- Fits 1.5 / 2.0ml tubes
- Frosted writing area
- Polypropylene
- Autoclavable

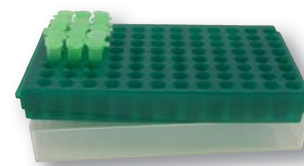


Description	Format	Color	Unit	Cat. No.
Microtube Racks	80-Place	Fluorescent Assorted Colors (blue, green, orange, pink, yellow)	5/Pack 20/Case	490003-910
Microtube Racks	80-Place	Assorted Colors (blue, green, orange, pink, yellow, red)	6/Pack 24/Case	490003-924
Microtube Racks	80-Place	Natural	5/Pack 20/Case	490003-898

Visit vwr.com for complete listing

96-Place Flipper® Microtube Racks

- Holds 96, 1.5/2.0ml tubes on one side and 96, 0.5ml tubes on the other



Description	Format	Color	Unit	Cat. No.
Microtube Racks (racks only)	96-Place	Assorted Colors (blue, green, orange, pink, yellow)	6/Pack 12/Case	490004-106
Microtube Racks (racks with lid)	96-Place	Assorted Colors (blue, green, orange, pink, yellow, red)	6/Pack 12/Case	490004-084

Visit vwr.com for complete listing

Lok-Blok™ 4-piece Rack System

Holds:

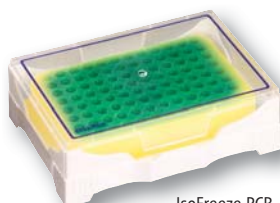
- 1.5/2.0ml tubes + 0.5ml tubes
- 50ml tubes
- 15ml tubes
- PCR 8-tube strips
- PCR 0.2ml tubes
- PCR 12-tube strips
- PCR plates, except full skirt
- Packaged as a 4 color/block set



Description	Unit	Cat. No.
Lok-Blok 4-piece Rack System	1/Pack 4/Case	490004-110

IsoFreeze® PCR Racks

- Ideal for PCR reagents, cells, enzymes, or other temperature-sensitive reagents
- Maintain a sub 4°C (refrigerator) environment for up to 4 hours
- Changes color with warming



IsoFreeze PCR Rack with lid



IsoFreeze PCR SBS Rack



IsoFreeze Microtube Rack with lid for 24 1.5/2.0ml tubes

Description	Temperature Color	Unit	Cat. No.
IsoFreezer PCR Rack with Lid	Purple (cold) Pink (warm)	2/Pack 10/Case	490004-212
IsoFreezer PCR Rack with Lid	Green (cold) Yellow (warm)	2/Pack 10/Case	490004-214
IsoFreezer PCR SBS Rack	Purple (cold) Pink (warm)	2/Pack 10/Case	490004-216
IsoFreezer PCR SBS Rack	Green (cold) Yellow (warm)	2/Pack 10/Case	490004-218
IsoFreezer PCR Microtube Rack with Lid	Purple (cold) Pink (warm)	1/Pack 5/Case	490004-208
IsoFreezer PCR Microtube Rack with Lid	Green (cold) Yellow (warm)	1/Pack 5/Case	490004-210

40-Place CryoFreeze® GripRack™

- Ideal for 1.0ml - 4.5ml tubes
- Ribs hold stargrip-base tubes in position for easy, one-handed opening/closing of tubes
- Rubber non-slip grips
- Alphanumeric indexing



Description	Format	Color	Unit	Cat. No.
CryoFreeze GripRacks	40-Place	White/Gray	5/Pack 20/Case	490003-945

Portable Coolers

- Ideal for enzyme storage and transporting samples
- Samples stay cold on the bench for 8 hours



Description	Temperature	Format	Unit	Cat. No.
Portable Cooler	0°C	12 x 1.5/2.0ml tubes	1/Pack	490015-596
Portable Cooler	-15°C	12 x 1.5/2.0ml tubes	1/Pack	490015-598

IsoFreeze Flipper® Racks

- Consistent thermal protection
- Polycarbonate racks are filled with an inert, non-toxic gel
- One side holds up to (20) 2.0ml tubes, and the flip side holds up to (20) 0.5ml tubes



Description	Temperature	Color	Unit	Cat. No.
IsoFreeze Racks	0°C ≥3 hours	White	1/Pack 4/Case	490004-204
IsoFreeze Racks	-15°C to -20°C ≥3 hours	Blue	1/Pack 4/Case	490004-206

Aluminum Cooler Blocks

- Ready to use after 25 minutes at -20°C
- Guaranteed to hold temperature below 4°C for 45 minutes
- Non-skid rubber feet provide a stable platform



Description	Format	Color	Unit	Cat. No.
Aluminum Cooler Block	15-Well (1.5/2.0ml tubes)	Purple	1/Pack	490000-596
Aluminum Cooler Block	15-Well (1.5/2.0ml tubes)	Silver	1/Pack	490000-598
Aluminum Cooler Block	15-Well (Cryotubes)	Purple	1/Pack	490000-592
Aluminum Cooler Block	15-Well (Cryotubes)	Silver	1/Pack	490000-594
Aluminum Cooler Block	24-Well (0.5ml tubes)	Purple	1/Pack	490000-584
Aluminum Cooler Block	24-Well (0.5ml tubes)	Silver	1/Pack	490000-586
Aluminum Cooler Block	96-Well	Purple	1/Pack	490000-588
Aluminum Cooler Block	96-Well	Silver	1/Pack	490000-590
Aluminum Cooler Block	384-Well	Purple	1/Pack	490000-580
Aluminum Cooler Block	384-Well	Silver	1/Pack	490000-582

Bead Blocks with Lab Armor® Beads

- Polished aluminum block
- Replaces common drilled-out aluminum heat blocks
- Optimal temperature uniformity and accuracy



Description	Color	Capacity	Dim. L x W x H	Unit	Cat. No.
Block with 375ml Beads	Orange	Single Block	3" x 2.625" x 3.56"	1/Pack	490001-954
Block with 375ml Beads	Purple	Single Block	3" x 2.625" x 3.56"	1/Pack	490001-956
Block with 750ml Beads	Orange	Dual Block	6" x 2.625" x 3.56"	1/Pack	490001-958
Block with 750ml Beads	Purple	Dual Block	6" x 2.625" x 3.56"	1/Pack	490001-960

Drawer & Upright Style Freezer Racks for 2" Boxes

- Ideal for standard 2" cardboard, plastic (polycarbonate or polypropylene), or metal (stainless steel or aluminum) boxes
- Racks fit all standard types of chest and upright freezers
- Constructed of high quality, corrosion-resistant stainless steel



Drawer Style

Upright Style

Description	Box Capacity	Dims. (LxHxD)	Unit	Cat. No.
Drawer Style Freezer Racks for 2" Boxes				
Drawer Style	3L x 3H = 9	16 1/2" x 7 1/8" x 5 1/2"	1/Pack	490000-940
Drawer Style	3L x 4H = 12	16 1/2" x 9 7/8" x 5 1/2"	1/Pack	490000-948
Drawer Style	4L x 3H = 12	22" x 7 1/8" x 5 1/2"	1/Pack	490000-966
Drawer Style	4L x 4H = 16	22" x 9 7/8" x 5 1/2"	1/Pack	490000-984
Drawer Style	4L x 5H = 20	22" x 11 13/16" x 5 1/2"	1/Pack	490000-994
Upright Style Freezer Racks for 2" Boxes				
Upright Style	3L x 3H = 9	16 5/16" x 6 5/8" x 5 1/2"	1/Pack	490000-848
Upright Style	3L x 4H = 12	16 5/16" x 8 7/8" x 5 1/2"	1/Pack	490000-858
Upright Style	3L x 5H = 15	16 5/16" x 11" x 5 1/2"	1/Pack	490000-864
Upright Style	4L x 3H = 12	21 5/8" x 6 5/8" x 5 1/2"	1/Pack	490000-878
Upright Style	4L x 4H = 16	21 5/8" x 8 7/8" x 5 1/2"	1/Pack	490000-892
Upright Style	4L x 5H = 20	21 5/8" x 11" x 5 1/2"	1/Pack	490000-906

Visit vwr.com for complete listing

Vertical Racks for Chest Freezers & Liquid Nitrogen Tanks

- Ideal for standard 2" cardboard, plastic (polycarbonate or polypropylene), or metal (stainless steel or aluminum) boxes
- Constructed of high quality, corrosion-resistant stainless steel
- Locking Rod included

Ideal choice for
ALL of your cold
storage needs!



Description	Box Capacity	Dims. (LxHxD)	Unit	Cat. No.
Freezer Racks for 2" Standard Boxes				
Vertical Style	9 boxes	5 5/8" x 19 13/16" x 5 1/2"	1/Pack	490000-674
Vertical Style	10 boxes	5 5/8" x 22" x 5 1/2"	1/Pack	490000-620
Vertical Style	11 boxes	5 5/8" x 24 3/16" x 5 1/2"	1/Pack	490000-626
Vertical Style	12 boxes	5 5/8" x 26 3/8" x 5 1/2"	1/Pack	490000-632
Vertical Style	13 boxes	5 5/8" x 28 1/4" x 5 1/2"	1/Pack	490000-638
Freezer Racks for 3" Standard Boxes				
Vertical Style	4 boxes	5 5/8" x 12 3/4" x 5 1/2"	1/Pack	490000-654
Vertical Style	5 boxes	5 5/8" x 15 7/8" x 5 1/2"	1/Pack	490000-658
Vertical Style	6 boxes	5 5/8" x 19 1/8" x 5 1/2"	1/Pack	490000-662
Vertical Style	7 boxes	5 5/8" x 22 1/4" x 5 1/2"	1/Pack	490000-666
Vertical Style	8 boxes	5 5/8" x 25 1/16" x 5 1/2"	1/Pack	490000-670

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Drawer Style Freezer Racks for 15 & 50ml Tubes and Storage Bottles

- Ideal for storing large quantities of samples in 15ml, 50ml tubes, and storage bottles
- Drawer Racks facilitate both access to and storage of samples without having to remove the whole rack from the freezer



Image shown is a combination of 15 & 50ml tube racks. To achieve the displayed item, mix and match the 15 & 50ml tube racks.

(Tubes & bottles sold separately)

Description	Drawer Area	Dim. (L x H x D)	Unit	Cat. No.
Freezer Racks with Drawer for Storage Bottles				
Drawer Style	15" x 4 1/2" (each)	16 1/2" x 9 15/16" x 5 1/2"	1/Pack	490001-020
Drawer Style	20 1/2" x 4 1/2" (each)	22" x 9 13/16" x 5 1/2"	1/Pack	490001-044
Freezer Racks with Drawer for 15ml or 50ml Tubes				
Drawer Style	120 - 15ml tubes	16 1/2" x 9 15/16" x 5 1/2"	1/Pack	490001-100
Drawer Style	60 - 50ml tubes	16 1/2" x 9 15/16" x 5 1/2"	1/Pack	490001-106

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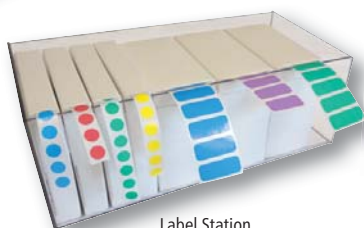
See page 7 for
Freezers & Refrigerators

Cryogenic Storage Dots & Strips

- Advanced adhesive withstands extreme temperatures from -196°C to 150°C
- Suitable for laser printing or hand-writing — Will not bleed
- Full line of colors and sizes — Perfect for color coding and distinguishing various specimens
- Laser labels include template for printing
- Available in rolls or laser sheets



Pop-Up Dispenser makes label retrieval a breeze!



Label Station



Dot/Strip Combo



Description	Size	Color	Unit	Cat. No.
Cryo Dots on Rolls				
Cryo Dots	3/8"	White	1 Roll of 1000/Case	490002-780
Cryo Dots	3/8"	Blue	1 Roll of 1000/Case	490002-782
Cryo Dots	3/8"	Green	1 Roll of 1000/Case	490002-788
Cryo Dots	3/8"	Orange	1 Roll of 1000/Case	490002-792
Cryo Dots	3/8"	Red	1 Roll of 1000/Case	490002-796
Cryo Dots	3/8"	Yellow	1 Roll of 1000/Case	490002-800
Cryo Dots	1/2"	White	1 Roll of 1000/Case	490002-804
Cryo Dots	1/2"	Blue	1 Roll of 1000/Case	490002-806
Cryo Dots	1/2"	Green	1 Roll of 1000/Case	490002-808
Cryo Dots	1/2"	Orange	1 Roll of 1000/Case	490002-810
Cryo Dots	1/2"	Red	1 Roll of 1000/Case	490002-812
Cryo Dots	1/2"	Yellow	1 Roll of 1000/Case	490002-814
Laser Cryo Dots on Sheets				
Laser Cryo Dots	3/8"	White	192/Sheet - 20 Sheets/Case (3840)	490002-842
Laser Cryo Dots	3/8"	Blue	192/Sheet - 20 Sheets/Case (3840)	490002-856
Laser Cryo Dots	3/8"	Green	192/Sheet - 20 Sheets/Case (3840)	490002-858
Laser Cryo Dots	3/8"	Orange	192/Sheet - 20 Sheets/Case (3840)	490002-860
Laser Cryo Dots	3/8"	Red	192/Sheet - 20 Sheets/Case (3840)	490002-864
Laser Cryo Dots	3/8"	Yellow	192/Sheet - 20 Sheets/Case (3840)	490002-868
Laser Cryo Dots	1/2"	White	192/Sheet - 20 Sheets/Case (3840)	490002-870
Laser Cryo Dots	1/2"	Blue	192/Sheet - 20 Sheets/Case (3840)	490002-874
Laser Cryo Dots	1/2"	Green	192/Sheet - 20 Sheets/Case (3840)	490002-876
Laser Cryo Dots	1/2"	Orange	192/Sheet - 20 Sheets/Case (3840)	490002-878
Laser Cryo Dots	1/2"	Red	192/Sheet - 20 Sheets/Case (3840)	490002-880
Laser Cryo Dots	1/2"	Yellow	192/Sheet - 20 Sheets/Case (3840)	490002-882
Cryogenic Dot/Strip Combo				
3/8" Dots & 1.28" x 5" Cryo Strips		White	1 Roll of 400/Case	490002-816

Description	Size	Color	Unit	Cat. No.
Cryo Strips on Rolls				
Cryo Strips	0.94" x 0.5"	White	1 Roll of 1000/Case	490002-766
Cryo Strips	0.94" x 0.5"	Blue	1 Roll of 1000/Case	490002-818
Cryo Strips	0.94" x 0.5"	Green	1 Roll of 1000/Case	490002-820
Cryo Strips	0.94" x 0.5"	Orange	1 Roll of 1000/Case	490002-822
Cryo Strips	0.94" x 0.5"	Red	1 Roll of 1000/Case	490002-824
Cryo Strips	0.94" x 0.5"	Yellow	1 Roll of 1000/Case	490002-828
Cryo Strips	1.28" x 0.5"	White	1 Roll of 1000/Case	490002-830
Cryo Strips	1.28" x 0.5"	Blue	1 Roll of 1000/Case	490002-832
Cryo Strips	1.28" x 0.5"	Green	1 Roll of 1000/Case	490002-834
Cryo Strips	1.28" x 0.5"	Orange	1 Roll of 1000/Case	490002-836
Cryo Strips	1.28" x 0.5"	Red	1 Roll of 1000/Case	490002-838
Cryo Strips	1.28" x 0.5"	Yellow	1 Roll of 1000/Case	490002-840
Laser Cryo Strips on Sheets				
Laser Cryo Strips	0.94" x 0.5"	White	119/Sheet - 25 Sheets/Case (2975)	490002-802
Laser Cryo Strips	1.28" x 0.5"	White	85/Sheet - 25 Sheets/Case (2125)	490002-768
Laser Cryo Strips	1.28" x 0.5"	Blue	85/Sheet - 25 Sheets/Case (2125)	490002-770
Laser Cryo Strips	1.28" x 0.5"	Green	85/Sheet - 25 Sheets/Case (2125)	490002-772
Laser Cryo Strips	1.28" x 0.5"	Orange	85/Sheet - 25 Sheets/Case (2125)	490002-774
Laser Cryo Strips	1.28" x 0.5"	Red	85/Sheet - 25 Sheets/Case (2125)	490002-776
Laser Cryo Strips	1.28" x 0.5"	Yellow	85/Sheet - 25 Sheets/Case (2125)	490002-778
Laser Cryo Strips	0.25" x 1.5"	White	156/Sheet - 20 Sheets/Case (3120)	490002-844
Laser Cryo Strips	0.25" x 1.5"	Blue	156/Sheet - 20 Sheets/Case (3120)	490002-846
Laser Cryo Strips	0.25" x 1.5"	Green	156/Sheet - 20 Sheets/Case (3120)	490002-848
Laser Cryo Strips	0.25" x 1.5"	Orange	156/Sheet - 20 Sheets/Case (3120)	490014-376
Laser Cryo Strips	0.25" x 1.5"	Red	156/Sheet - 20 Sheets/Case (3120)	490002-852
Laser Cryo Strips	0.25" x 1.5"	Yellow	156/Sheet - 20 Sheets/Case (3120)	490002-854
Label Station				
Label Station for Cryo Dots & Strips			1/Pack	490002-826

Specialty Labeling Tape

- Oil resistant, durable, waterproof, and acid resistant
- Can be written on with pen, pencil, or permanent marker
- Can withstand temperatures from -23°C to 121°C
- Removes cleanly and easily
- 500" rolls with 1" core and 60 yard rolls with 3" core



500" Rolls with 1" Core									
Color	Size	Unit	Cat. No.	Size	Unit	Cat. No.	Size	Unit	Cat. No.
White	1/2"	6/Pack 24/Case	490002-442	3/4"	4/Pack 16/Case	490002-496	1"	3/Pack 12/Case	490002-552
Red	1/2"	6/Pack 24/Case	490002-464	3/4"	4/Pack 16/Case	490002-518	1"	3/Pack 12/Case	490002-574
Blue	1/2"	6/Pack 24/Case	490002-480	3/4"	4/Pack 16/Case	490002-534	1"	3/Pack 12/Case	490002-590
Green	1/2"	6/Pack 24/Case	490002-482	3/4"	4/Pack 16/Case	490002-536	1"	3/Pack 12/Case	490002-592
Yellow	1/2"	6/Pack 24/Case	490002-484	3/4"	4/Pack 16/Case	490002-538	1"	3/Pack 12/Case	490002-594
Orange	1/2"	6/Pack 24/Case	490002-486	3/4"	4/Pack 16/Case	490002-540	1"	3/Pack 12/Case	490002-596
Pink	1/2"	6/Pack 24/Case	490002-488	3/4"	4/Pack 16/Case	490002-542	1"	3/Pack 12/Case	490002-598
Rainbow	1/2"	24/Case	490002-494	3/4"	16/Case	490002-548	1"	12/Case	490002-604

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60 yard Rolls with 3" Core									
Color	Size	Unit	Cat. No.	Size	Unit	Cat. No.	Size	Unit	Cat. No.
White	1/2"	6/Pack	490002-606	3/4"	4/Pack	490002-658	1"	3/Pack	490002-710
Red	1/2"	6/Pack	490002-628	3/4"	4/Pack	490002-680	1"	3/Pack	490002-732
Blue	1/2"	6/Pack	490002-644	3/4"	4/Pack	490002-696	1"	3/Pack	490002-748
Green	1/2"	6/Pack	490002-646	3/4"	4/Pack	490002-698	1"	3/Pack	490002-750
Yellow	1/2"	6/Pack	490002-648	3/4"	4/Pack	490002-700	1"	3/Pack	490002-752
Orange	1/2"	6/Pack	490002-650	3/4"	4/Pack	490002-702	1"	3/Pack	490002-754
Pink	1/2"	6/Pack	490002-652	3/4"	4/Pack	490002-704	1"	3/Pack	490002-756

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Multi-Tape Dispensers

- Constructed of solid metal
- Suction cups on bottom of unit provide secure hold to the benchtop
- Provides easy access to high-volume tape from one handy location

Description	Dims. (WxDxH)	Features	Unit	Cat. No.
Large Multi-Tape Dispenser	7 3/4" x 3" x 13 1/2"	Holds up to (4) 3" Rolls	1/Pack	490004-022
Small Multi-Tape Dispenser	5 1/4" x 3" x 12 1/4"	(4) Roll Holders	1/Pack	490004-018

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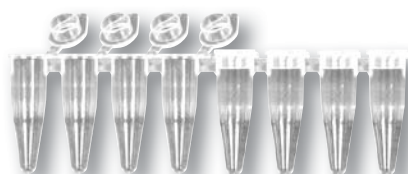
UltraFlux PCR Strip Tubes

- Angular attachment eliminates hinge/lip interference
- Ultra-thin wall for optimum heat transfer (0.20mm)
- Certified free from DNase, RNase, and detectable DNA
- No cross contamination from mis-oriented caps



**ROBUST LINK
BETWEEN TUBES**

ANGULAR ATTACHMENT
Caps are hinged at a 45° angle thus eliminating cap hinge/lip interference.

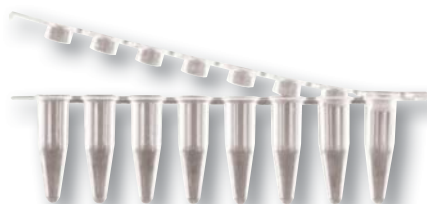


Low-Profile white tubes
with clear caps



8-Strip UltraFlux PCR Tubes with Individual Attached Caps

Description	Color	Unit	Cat. No.
8-Strip Tubes & Flat Caps	Optically Clear	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-710
8-Strip Tubes & Flat Caps	Assorted Colors	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-722
8-Strip Tubes & Flat Caps	Blue	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-712
8-Strip Tubes & Flat Caps	Green	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-714
8-Strip Tubes & Flat Caps	Purple	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-718
8-Strip Tubes & Flat Caps	Red	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-716
8-Strip Tubes & Flat Caps	Yellow	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-720
8-Strip Tubes & Flat Caps, Low-Profile	Optically Clear	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-726
8-Strip Tubes & Flat Caps, Low-Profile	White Tubes with Clear Caps	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-728



8-Strip UltraFlux PCR Tubes with an Attached Z-Strip of Flat Optically Clear Caps

Description	Color	Unit	Cat. No.
8-Strip Tubes & Flat Caps	Optically Clear	125 Strips of 8/Pack 1250 Strips of 8/Case	490004-482
8-Strip Tubes & Flat Caps	Assorted Colors	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-686
8-Strip Tubes & Flat Caps	Blue	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-676
8-Strip Tubes & Flat Caps	Green	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-678
8-Strip Tubes & Flat Caps	Purple	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-682
8-Strip Tubes & Flat Caps	Red	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-680
8-Strip Tubes & Flat Caps	Yellow	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-684



0.2ml 8-Strip Tubes



8-Strip Flat Caps



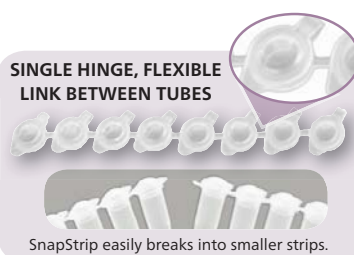
8-Strip Dome Caps

8- & 12-Strip UltraFlux PCR Tubes & Caps, Packed Together

Description	Color	Unit	Cat. No.
Optically Clear Flat Caps			
8-Strip Tubes & Flat Caps	Optically Clear	125 Strips of 8/Pack 1250 Strips of 8/Case	490004-440
8-Strip Tubes & Flat Caps, Low-Profile	Optically Clear	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-636
12-Strip Tubes & Flat Caps	Optically Clear	80 Strips of 12/Pack 800 Strips of 12/Case	490003-628
Dome Caps			
8-Strip Tubes & Dome Caps	Clear	125 Strips of 8/Pack 1250 Strips of 8/Case	490004-430
8-Strip Tubes & Dome Caps	Assorted Colors	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-606
8-Strip Tubes & Dome Caps	Blue	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-596
8-Strip Tubes & Dome Caps	Green	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-598
8-Strip Tubes & Dome Caps	Purple	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-602
8-Strip Tubes & Dome Caps	Red	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-600
8-Strip Tubes & Dome Caps	Yellow	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-604
12-Strip Tubes & Dome Caps	Clear	80 Strips of 12/Pack 800 Strips of 12/Case	490003-610
12-Strip Tubes & Dome Caps	Assorted Colors	80 Strips of 12/Pack 800 Strips of 12/Case	490003-622
12-Strip Tubes & Dome Caps	Blue	80 Strips of 12/Pack 800 Strips of 12/Case	490003-612
12-Strip Tubes & Dome Caps	Green	80 Strips of 12/Pack 800 Strips of 12/Case	490003-614
12-Strip Tubes & Dome Caps	Purple	80 Strips of 12/Pack 800 Strips of 12/Case	490003-618
12-Strip Tubes & Dome Caps	Red	80 Strips of 12/Pack 800 Strips of 12/Case	490003-616
12-Strip Tubes & Dome Caps	Yellow	80 Strips of 12/Pack 800 Strips of 12/Case	490003-620

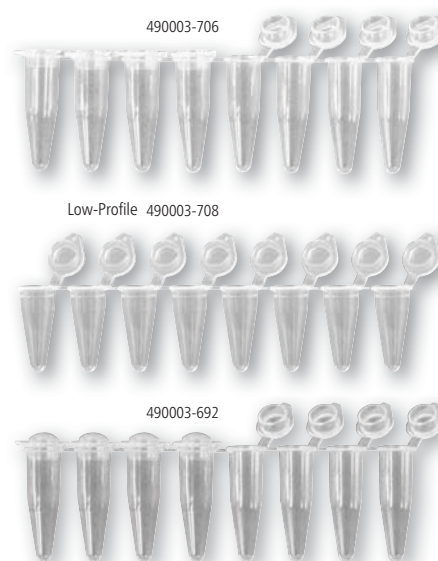
SnapStrip PCR Strip Tubes

- SnapStrip easily breaks into smaller strips
- Angular attachment eliminates hinge/lip interference
- Ultra-thin wall for optimum heat transfer (0.20mm)
- Certified free from DNase, RNase, and detectable DNA
- No cross contamination from mis-oriented caps



8-Strip SnapStrip PCR Tubes with Individual Attached Caps

Description	Vol.	Color	Unit	Cat. No.
Optically Clear Flat Caps				
8-Strip Tubes & Flat Caps	0.2ml	Optically Clear	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-706
8-Strip Tubes & Flat Caps, Low-Profile	0.1ml	Optically Clear	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-708
Dome Caps				
8-Strip Tubes & Dome Caps	0.2ml	Clear	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-692
8-Strip Tubes & Dome Caps	0.2ml	Assorted Colors	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-704
8-Strip Tubes & Dome Caps	0.2ml	Blue	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-694
8-Strip Tubes & Dome Caps	0.2ml	Green	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-696
8-Strip Tubes & Dome Caps	0.2ml	Purple	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-700
8-Strip Tubes & Dome Caps	0.2ml	Red	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-698
8-Strip Tubes & Dome Caps	0.2ml	Yellow	120 Strips of 8/Pack 1200 Strips of 8/Case	490003-702



Individual PCR Tubes with Attached Caps

- Ultra-thin wall for optimum heat transfer (0.20mm)
- Certified free from DNase, RNase, and detectable DNA

0.2ml PCR Tubes with Attached Caps

Description	Color	Unit	Cat. No.
Flat Caps			
0.2ml Tubes with Flat Caps	Clear	1000/Pack 10,000/Case	490004-452
0.2ml Tubes with Flat Caps	Assorted Colors	1000/Pack 10,000/Case	490003-666
0.2ml Tubes with Flat Caps	Blue	1000/Pack 10,000/Case	490003-656
0.2ml Tubes with Flat Caps	Green	1000/Pack 10,000/Case	490003-658
0.2ml Tubes with Flat Caps	Purple	1000/Pack 10,000/Case	490003-662
0.2ml Tubes with Flat Caps	Red	1000/Pack 10,000/Case	490003-660
0.2ml Tubes with Flat Caps	Yellow	1000/Pack 10,000/Case	490003-664
Dome Caps			
0.2ml Tubes with Dome Caps	Natural	1000/Pack 10,000/Case	490003-640
0.2ml Tubes with Dome Caps	Assorted Colors	1000/Pack 10,000/Case	490003-652
0.2ml Tubes with Dome Caps	Blue	1000/Pack 10,000/Case	490003-642
0.2ml Tubes with Dome Caps	Green	1000/Pack 10,000/Case	490003-645
0.2ml Tubes with Dome Caps	Purple	1000/Pack 10,000/Case	490003-648
0.2ml Tubes with Dome Caps	Red	1000/Pack 10,000/Case	490003-646
0.2ml Tubes with Dome Caps	Yellow	1000/Pack 10,000/Case	490003-650

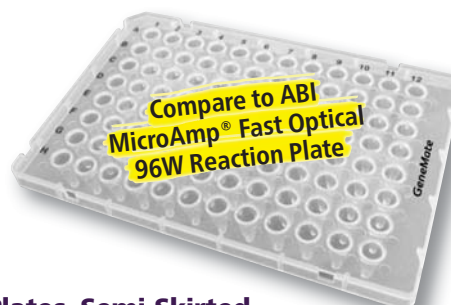
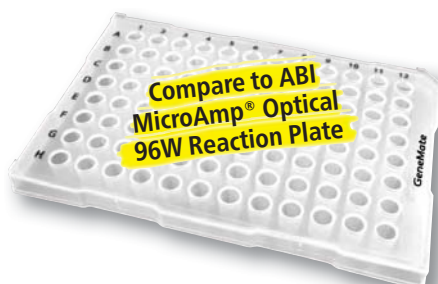


0.5ml PCR Tubes with Attached Caps

Description	Color	Unit	Cat. No.
Flat Caps			
0.5ml Tubes with Flat Caps	Clear	1000/Pack 10,000/Case	490004-478
0.5ml Tubes with Flat Caps	Assorted Colors	1000/Pack 10,000/Case	490003-744
0.5ml Tubes with Flat Caps	Blue	1000/Pack 10,000/Case	490003-734
0.5ml Tubes with Flat Caps	Green	1000/Pack 10,000/Case	490003-736
0.5ml Tubes with Flat Caps	Purple	1000/Pack 10,000/Case	490003-740
0.5ml Tubes with Flat Caps	Red	1000/Pack 10,000/Case	490003-738
0.5ml Tubes with Flat Caps	Yellow	1000/Pack 10,000/Case	490003-742
Dome Caps			
0.5ml Tubes with Dome Caps	Natural	1000/Pack 10,000/Case	490003-730

96-Well PCR Plates

- Ultra-thin wall for optimum heat transfer & higher yield
- Contrasting printed alphanumeric indexing
- Plates can be sealed with strip caps, sealing mats, or sealing film
- Unmatched clarity—easy to visualize content of each well
- Certified free from DNase, RNase, and detectable DNA

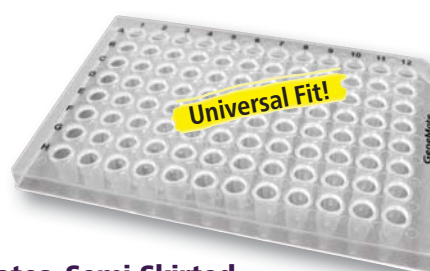


96-Well Plates, Semi-Skirted Raised Rim

Description	Feature	Color	Unit	Cat. No.
96-Well Plates, Semi-Skirted	Raised Rim	Natural	10/Pack 100/Case	490003-822
96-Well Plates, Semi-Skirted	Raised Rim	White	10/Pack 100/Case	490004-502

96-Well Plates, Semi-Skirted "Fast"-Type, Low-Profile

Description	Feature	Color	Unit	Cat. No.
96-Well Plates, Semi-Skirted	"Fast"-Type, Low-Profile (0.1ml)	Natural	10/Pack 100/Case	490003-826
96-Well Plates, Semi-Skirted	"Fast"-Type, Low-Profile (0.1ml)	White	10/Pack 100/Case	490004-516



96-Well Plates, Semi-Skirted

Description	Color	Unit	Cat. No.
96-Well Plates, Semi-Skirted	Natural	10/Pack 100/Case	490003-794
96-Well Plates, Semi-Skirted	Assorted Colors	10/Pack 100/Case	490003-806
96-Well Plates, Semi-Skirted	White	10/Pack 100/Case	490003-808

Visit vwr.com for complete listing

96-Well Plates, Semi-Skirted Straight-Sided

Description	Feature	Color	Unit	Cat. No.
96-Well Plates, Semi-Skirted	Straight-Sided	Natural	10/Pack 100/Case	490003-866
96-Well Plates, Semi-Skirted	Straight-Sided	Assorted Colors	10/Pack 100/Case	490003-878
96-Well Plates, Semi-Skirted	Straight-Sided	White	10/Pack 100/Case	490003-880

Visit vwr.com for complete listing



96-Well Plates, Semi-Skirted "Roche LightCycler"-Type, Low-Profile

Description	Feature	Color	Unit	Cat. No.
96-Well Plates, Semi-Skirted	"Roche LightCycler-Type" Low-Profile (0.1ml)	Natural	10/Pack 100/Case	490003-884
96-Well Plates, Semi-Skirted	"Roche LightCycler-Type" Low-Profile (0.1ml)	White	10/Pack 100/Case	490003-886

qPCR Compatible



96-Well Strip Caps

Description	Color	Unit	Cat. No.
8-Strip Flat Caps	Optically Clear	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-556
12-Strip Flat Caps	Optically Clear	80 Strips of 12/Pack 800 Strips of 12/Case	490003-558
8-Strip Dome Caps	Natural	125 Strips of 8/Pack 1250 Strips of 8/Case	490003-526

96- & 384-Well PCR Plates

- Ultra-thin wall for optimum heat transfer & higher yield
- Contrasting printed alphanumeric indexing
- Plates can be sealed with strip caps, sealing mats, or sealing film
- Unmatched clarity—easy to visualize content of each well
- Certified free from DNase, RNase, and detectable DNA



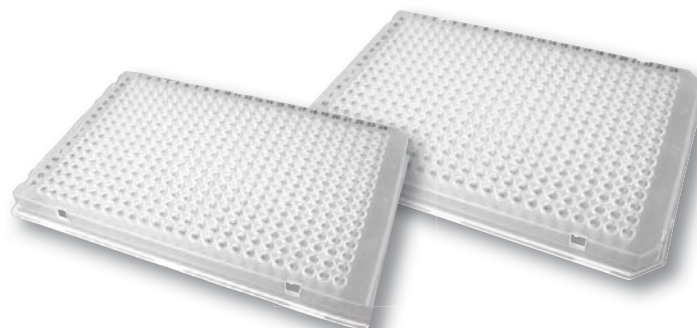
96-Well Plates, Non-Skirted Flat-Top

Description	Feature	Color	Unit	Cat. No.
96-Well Plates, Non-Skirted	Flat-Top	Natural	10/Pack 100/Case	490003-750
96-Well Plates, Non-Skirted	Flat-Top	Assorted Colors	10/Pack 100/Case	490003-762
96-Well Plates, Non-Skirted	Flat-Top	White	10/Pack 100/Case	490003-764
Visit vwr.com for complete listing				



96-Well Plates, Non-Skirted Flat-Top, Low-Profile

Description	Feature	Color	Unit	Cat. No.
96-Well Plates, Non-Skirted	Flat Top, Low-Profile (0.1ml)	Natural	10/Pack 100/Case	490003-770
96-Well Plates, Non-Skirted	Flat Top, Low-Profile (0.1ml)	White	10/Pack 100/Case	490003-772



384-Well Plates, Full-Skirted

Description	Feature	Color	Unit	Cat. No.
384-Well Plates, Full-Skirted	Two-Notch Type	Natural	10/Pack 100/Case	490003-828
384-Well Plates, Full-Skirted	Two-Notch Type	White	10/Pack 100/Case	490003-830
384-Well Plates, Full-Skirted	One-Notch Type	Natural	10/Pack 100/Case	490003-838
384-Well Plates, Full-Skirted	One-Notch Type	White	10/Pack 100/Case	490003-840



96-Well Plates, Full-Skirted Low-Profile

Description	Feature	Color	Unit	Cat. No.
96-Well Plates, Full-Skirted	Low-Profile (0.1ml)	Natural	10/Pack 100/Case	490003-844
96-Well Plates, Full-Skirted	Low-Profile (0.1ml)	Assorted Colors	10/Pack 100/Case	490003-856
96-Well Plates, Full-Skirted	Low-Profile (0.1ml)	White	10/Pack 100/Case	490003-858
Visit vwr.com for complete listing				

Simplify Management of Lab Supplies with VSR+

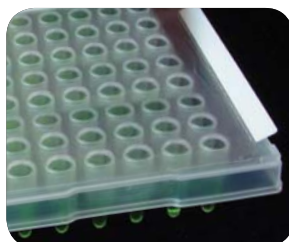
VSR+ technology streamlines inventory management with a single, easy-to-use application. Developed to meet the specific challenges of research organizations, VSR+ allows laboratories to track inventory across multiple locations, manage products from any supplier, and devote more time to science.

Watch a video at vwr.com/vsr, where you can also request a live VSR+ demonstration. The “VWR Lab Supplies Management” mobile app is now available on the App Store and Google Play.



Polypropylene PCR Sealing Film

- Stronger and thicker 50µm adhesive layer for secure seal
- Two perforated end tabs for easy removal
- Temp. range: -40°C to 125°C
- Fits standard flat-top and raised-rim plates
- Certified free of RNase, DNase, and nucleic acid contamination



Description	Sterility	Unit	Cat. No.
Polypropylene Film	Nonsterile	100/Pack	490001-220
Sealing Paddle	Nonsterile	1/Pack	490001-218

Polymer PCR Sealing Mat

- Provides a secure, leak-free seal
- Manufactured from a non-reactive polymer
- Can be cut to fit 24-, 32, 48-well plates, etc.
- Autoclave at 121°C and 100kPa for 15 minutes



Description	Sterility	Unit	Cat. No.
Polymer Sealing Mat	Nonsterile	5/Pack 50/Case	490003-888

Taq DNA Polymerase

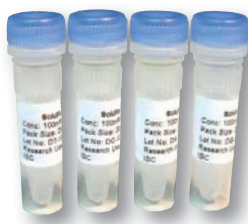
- Robust PCR performance suited to a wide range of PCR assays
- Amplifies fragments up to 5Kb
- Additional 50mM MgCl₂ buffer included for fine tuning
- Red Taq contains loading dye for direct agarose gel loading

Master Mix

- Convenient pre-mixed, pre-optimized 2X solutions
- Reduced risk of contamination—decrease the time required for reaction set-up
- Reproducible results

Hot-Start Options

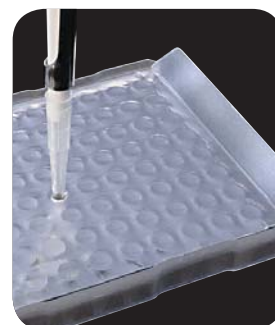
- Convenient set up at room temperature
- Ultra-high specificity and performance



Description	Concentration	Unit	Cat. No.
Taq			
Taq	5u/µl	500 units	490000-218
Taq	5u/µl	2500 units	490000-220
Taq	5u/µl	10,000 units	490017-046
Red Taq	1u/µl	500 units	490000-222
Red Taq	1u/µl	2500 units	490000-224
Master Mix 2X			
Master Mix 2X	5u/µl	100 Reactions	490000-226
Master Mix 2X	5u/µl	500 Reactions	490000-228
Red Master Mix 2X	5u/µl	100 Reactions	490000-230
Red Master Mix 2X	5u/µl	500 Reactions	490000-232
Hot-Start Options			
Hot-Start Taq	5u/µl	500 units	490000-234
Hot-Start Taq	5u/µl	2500 units	490000-236
Hot-Start Master Mix 2X	5u/µl	100 Reactions	490000-238
Hot-Start Master Mix 2X	5u/µl	500 Reactions	490000-240

Aluminum PCR Sealing Foil

- Excellent barrier properties
- Temp. range: -80°C to 120°C
- Pierceable by pipet tip or robotic probes
- 490001-214: 28µm thick, chemically resistant
- 490001-216: 38µm thick
- Fits standard flat-top and raised-rim plates
- Certified free of RNase, DNase, and nucleic acid contamination

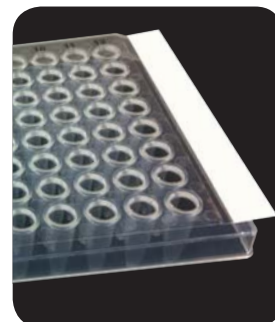


Description	Sterility	Unit	Cat. No.
Aluminum Foil, 2 end tabs	Nonsterile	100/Pack	490001-214
Aluminum Foil, 1 end tab	Nonsterile	100/Pack	490001-216
Sealing Paddle	Nonsterile	1/Pack	490001-218

Polyolefin qPCR Sealing Film

qPCR Compatible

- High optical clarity with minimal autofluorescence
- Silicone adhesive provides strongest available seal for evaporation control
- Pressure-released adhesive is non-tacky & simplifies handling of film prior to sealing*
- DMSO resistant for HTS; chemically inert
- Temp. range: -70°C to 100°C
- Fits standard flat-top and raised-rim plates
- Certified free of RNase, DNase, and nucleic acid contamination



*Sealing paddle recommended

Description	Sterility	Unit	Cat. No.
Polyolefin Film	Nonsterile	100/Pack	490001-222
Sealing Paddle	Nonsterile	1/Pack	490001-218

dNTP Nucleotides & Mixes

- Ultra-Pure, 99% Triphosphate by HPLC
- Shelf-Life of 24 Months at -20°C
- Free from PCR Inhibitors
- DNase, RNase and Nickase Free



Applications

- Standard and long range PCR assays
- cDNA synthesis
- Real-Time PCR
- Microarrays
- DNA sequencing
- Low-copy assays
- Genotyping
- Site-directed mutagenesis

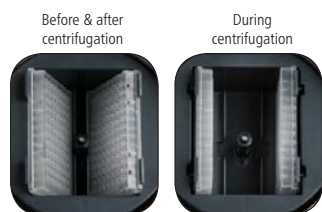
Description	Concentration	Unit	Cat. No.
Master Mix	40mM	1 x 500µl	490000-200
Master Mix	40mM	5 x 500µl	490000-214
Master Mix	100mM	1 x 500µl	490000-212
Master Mix	100mM	4 x 500µl	490000-210
dNTP Set	100mM	4 x 250µl	490000-204
dNTP Set	100mM	16 x 250µl	490000-202
dNTP Set	100mM	4 x 2mL	490000-206
dNTP Set	100mM	80 x 250µl	490000-208

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SpinMate 2P Microcentrifuge for Plates

- Quickly spins down droplets in PCR plates
- 2,100rpm / 400 x g
- Unique rotor design prevents sample spillage
- Capacity: 2 x skirted, semi- & non-skirted PCR plates*
2 x microtiter plates
24 x 0.2ml PCR Strips

* when stacking skirted PCR plates, max. cap. 4 plates



The SpinMate 2P Microcentrifuge includes a uniquely designed, swing-out rotor capable of securing 2 microplates. The easily accessible rotor chamber includes two plate carriers that rest at a 75° angle. This allows plates to be inserted confidently without sealing tapes or caps. Upon closing the lid of the centrifuge, the rotor accelerates and the centrifugal force “swings” the plate wells into a horizontal position. Any droplets on the walls of the plate, quickly concentrate into the well bottoms.

Description	Unit	Cat. No.
SpinMate 2P Microcentrifuge with Rotor and Plate Carriers	1/Pack	490015-262
Adapter for 96 x 0.2ml PCR Strip Tubes	2/Pack	490015-264
Rotor for Deep-Well Plates	1/Pack	490015-266

Thermal Cyclers

- Easy programming of up to 100 three-step methods
- Temperature range, from 4°C to 99°C
- Consistent, uniform yield
- 4-year GeneMate Guarantee Warranty!



	GCL Model	GCR Model
Temp. Range:	4°C to 99°C	
Block uniformity & accuracy:	±0.5°C	
Max. heating ramp rate:	2.3°C per sec.	3.5°C per sec.
Max. cooling rate:	N/A	2.8°C per sec.
Heated lid temp. range:	100°C to 115°C	
Dimensions (LxWxH) / Weight:	13" x 7" x 7" / 15 lbs.	16.5" x 8.75" x 10" / 26.5 lbs.

Description	Model	Block Included	Unit	Cat. No.
Thermal Cycler	GCL-20	20 x 0.5ml block	1/Pack	490001-200
Thermal Cycler	GCL-25	25 x 0.2ml block	1/Pack	490001-202
Thermal Cycler	GCL-30	30 x 0.5ml block	1/Pack	490001-204
Thermal Cycler	GCL-48	48 x 0.2ml block	1/Pack	490001-206
Thermal Cycler	GCR-60	60 x 0.5ml block	1/Pack	490001-208
Thermal Cycler	GCR-96	96 x 0.2ml block	1/Pack	490001-210

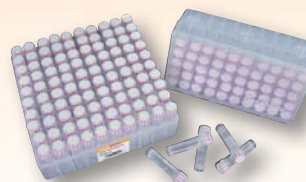
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Certified Nuclease-Free Buffers & Stock Solutions

Description	Unit	Cat. No.
Ammonium Acetate Solution 5M	500ml	490015-420
Ammonium Chloride Solution 0.5M	500ml	490015-430
Calcium Chloride Solution (CaCl ₂) 1M	500ml	490015-432
EDTA 0.5M pH 8.0	1000ml	490002-062
EDTA RNA Storage Solution 0.1mM	500ml	490014-400
Lithium Chloride Solution (LiCl) 1M	500ml	490015-434
Lithium Chloride Solution (LiCl) 7.5M	500ml	490015-436
Magnesium Acetate Solution 1M	100ml	490015-438
Magnesium Chloride Solution 1M (MgCl ₂)	1000ml	490015-442
Manganese Chloride Solution 1M (MnCl ₂)	1000ml	490015-444
Potassium Chloride Solution 2M (KCl)	1000ml	490015-422
SDS 20% Sterile Solution	125ml	490015-452
Sodium Acetate Solution 3M pH 5.5	1000ml	490015-418
Sodium Borate Solution 200mM	500ml	490015-384
Standard Sodium Citrate 20X SSC	500ml	490015-446
Standard Sodium Citrate 20X SSC	1000ml	490015-448
Sterile Saline Solution (NaCl) 0.9%	1000ml	490015-454
Tris-HCl 1M pH 7.5	1000ml	490002-098
Tris-Acetate EDTA 10X TAE pH 8.3	1000ml	490002-092
Tris-Acetate EDTA 50X TAE pH 8.3	1000ml	490002-094
Tris-Borate EDTA 10X TBE pH 8.3	1000ml	490002-096
Tris EDTA 1X TE pH 8.0	1000ml	490002-100
20X SSPE (3M NaCl, 0.2M Na ₂ HPO ₄ , 0.02M EDTA)	1000ml	490015-450

Water

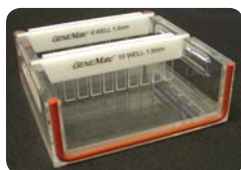
- Ideal for all critical molecular biology assays
- Certified DNase-, RNase-, and Nuclease-free
- Sterile, filtered, and autoclaved
- Each lot is individually assayed for the application specified after packaging



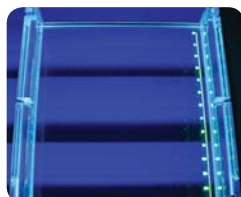
Description	Unit	Cat. No.
DEPC-Treated Water	1 x 125ml	490002-168
DEPC-Treated Water	1 x 500ml	490002-172
DEPC-Treated Water	1 x 1000ml	490002-176
DEPC-Treated Water	1 x 2000ml	490002-180
Certified Nuclease-Free Water	1 x 125ml	490002-140
Certified Nuclease-Free Water	1 x 500ml	490004-412
Certified Nuclease-Free Water	1 x 1000ml	490002-148
Certified Nuclease-Free Water	1 x 2000ml	490002-152
Certified Nuclease-Free Water	1 x 10 Liter	490015-398
Certified Nuclease-Free Water	1 x 20 Liter	490015-402
RT-PCR Grade Water	50 x 1.7ml	490002-156
RT-PCR Grade Water	100 x 1.7ml	490002-158



Available features of ALL Mini Gel Systems:



"Pivot-cast" UV Transparent Tray & Combs



UV Transparent Tray with Fluorescent Ruler

Available feature of ALL Large Format Gel Systems:



UV Transparent ExpressCast Gel Tray

Electrophoresis Horizontal Gel Systems

Gel Systems include UV transparent gel trays, safety-interlock lids, 9mm-thick acrylic that resists cracking and warping, color-coded sealed platinum electrodes, and comb specifications printed on every comb for easy identification.

4-year warranty!

Mini System

- 7 x 8cm gel
- Includes: "Pivot-cast" UV transparent gel tray, 2 x 1.5mm combs (1 x 6-well and 1 x 10-well)

Wide Systems

- 15 x 15cm or 25cm gel
- Includes: "Pivot-cast" UV transparent gel tray, 4 x 1.5mm combs (2 x 17-well and 2 x 34-well)

Mini-Plus System

- 9 x 11cm gel
- Includes: "Pivot-cast" UV transparent gel tray, 2 x 1.5mm combs (1 x 10-well and 1 x 14-well)

Ultra-Wide System

- 23.5 x 14cm gel
- 200-sample capacity
- "Express Cast" UV transparent gel tray
- Includes: UV transparent gel tray, 4 x 1.5mm 50-well combs

Midi System

- 12 x 14cm gel
- Includes: "Pivot-cast" UV transparent gel tray, 2 x 1.5mm combs (1 x 12-well and 1 x 20-well)



Description	Unit	Cat. No.
7 x 8cm Mini Horizontal Gel System	1/Pack	490001-224
10-well comb, 1.5mm thickness	1/Pack	490001-228
12-well comb, 1.5mm thickness	1/Pack	490001-232
9 x 11cm Mini-Plus Horizontal Gel System	1/Pack	490001-260
14-well comb, 1.5mm thickness	1/Pack	490001-270
18-well comb, multi-channel compatible, 1.5mm thickness	1/Pack	490001-282
12 x 14cm Midi Horizontal Gel System	1/Pack	490001-296
20-well comb, 1.5mm thickness	1/Pack	490001-304
25-well comb, multi-channel compatible, 1.5mm thickness	1/Pack	490001-320
15 x 15cm Wide Horizontal Gel System	1/Pack	490001-414
15 x 25cm Wide Horizontal Gel System	1/Pack	490001-420
10-well comb, 1.5mm thickness	1/Pack	490001-426
20-well comb, 1.5mm thickness	1/Pack	490001-428
23.5 x 14cm Ultra-Wide Horizontal Gel System	1/Pack	490001-500
25-well comb, multi-channel compatible, 1.5mm thickness	1/Pack	490001-514
50-well comb, multi-channel compatible, 1.5mm thickness	1/Pack	490001-522

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PowerMate Touch Power Supply

- 2" x 2" LCD touchscreen control
- Dual orientation, auto-rotating display
- Intuitive programming
- Control voltage or amperage
- 2-year warranty



Display automatically rotates vertically or horizontally.



PowerMate Mini Power Supply

- Compact and simple
- Choose constant 100V or 200V output
- Two pairs of output terminals



	Mini	Touch
Output Voltage:	100V or 200V constant	10-300V (5V increments)
Output Current:	Max. 200mA	5-400mA (5mA increments)
Max Wattage:	40W	80W
Output Terminal:	2 pairs (wired in parallel)	4 pairs (wired in parallel)
Dimensions:	6.25" x 4.5" x 2.25"	8.25" x 6.3" x 4"
Weight:	0.9 lbs	3.5 lbs
Electrical:	115V, 60Hz	

Description	Unit	Cat. No.
PowerMate Mini Power Supply	1/Pack	490019-522
PowerMate Touch Power Supply	1/Pack	490019-524

HiRes Agarose

- High resolution of PCR and DNA fragments with low base pairs
- Improved gel clarity, enhancing visibility
- Reduced risk of gel cracking, even at low concentrations
- Compare to MetaPhor® Hi-Res

Description	Unit	Cat. No.
HiRes Agarose	25g Bottle	490001-616
HiRes Agarose	125g Bottle	490001-614
HiRes Agarose	500g Bottle	490001-618

Visit vwr.com for complete listing;

3:1 Agarose

- Ideal for DNA/RNA Separation <1Kb
- Excellent for blotting
- Excellent resolution of small DNA fragments
- Compare to NuSieve® 3:1

Description	Unit	Cat. No.
3:1 Agarose	25g Bottle	490001-612
3:1 Agarose	125g Bottle	490001-610

Visit vwr.com for complete listing

LowMelt Agarose

- Ideal for electrophoresis of DNA fragments >1000bp and tissue culture applications
- Compare to SeaPlaque®

Description	Unit	Cat. No.
LowMelt Agarose	25g Bottle	490001-598
LowMelt Agarose	125g Bottle	490001-596

Visit vwr.com for complete listing

LowMelt GQA Agarose

- Certified Genetic Quality Analyzed
- Ideal for DNA/RNA Separation <1Kb, analysis and recovery of DNA fragments, and preparative electrophoresis
- Compare to SeaPlaque® GTG®

Description	Unit	Cat. No.
LowMelt GQA Agarose	25g Bottle	490001-602
LowMelt GQA Agarose	125g Bottle	490001-600

Visit vwr.com for complete listing

Sieve GQA LowMelt Agarose

- Certified Genetic Quality Analyzed
- Highest resolving capacity for DNA fragments smaller than 1000bp, especially PCR products ranging from 200 to 800bp
- Compare to NuSieve® GTG®

Description	Unit	Cat. No.
Sieve GQA LowMelt Agarose	25g Bottle	490001-606
Sieve GQA LowMelt Agarose	125g Bottle	490001-604
Sieve GQA LowMelt Agarose	500g Bottle	490001-608

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LE & LE Quick Dissolve Agarose

- General purpose
- Excellent transparency of the gels
- Greater thermal stability
- Low EEO Value
- Extraordinary mechanical resistance for reliable & easy handling
- Compare to SeaKem® LE

Moisture / Ash:	≤7% / ≤0.4%
Gel Strength (1.0%):	≥1200g/cm ²
Gel Strength (1.5%):	≥2500g/cm ²
EEO / Sulfate:	0.05-0.13 / ≤0.1%
Gelling Temp. (1.0%):	≤36±1.5°C
Melting Temp. (1.0%):	≤88±1.5°C



Description	Unit	Cat. No.
LE Agarose	25g Bottle	490000-016
LE Agarose	125g Bottle	490000-014
LE Agarose	500g Bottle	490000-002
LE Quick Dissolve Agarose	25g Bottle	490000-008
LE Quick Dissolve Agarose	125g Bottle	490000-036
LE Quick Dissolve Agarose	500g Bottle	490000-004

ME Agarose

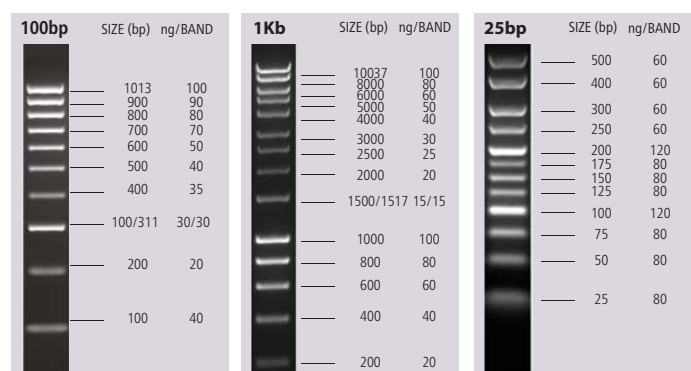
- Ideal for nucleic acid electrophoresis and protein electrophoresis (serum protein and immunoelectrophoresis)
- Compare to SeaKem® ME

Description	Unit	Cat. No.
ME Agarose	25g Bottle	490001-582
ME Agarose	125g Bottle	490001-580
ME Agarose	500g Bottle	490001-584

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Quanti-Marker Ladders

- Ready to load
- Accurate size determination
- High intensity bands
- Optional mass determination
- Room temperature stable
- Supplied with loading buffer



2% agarose gel-5µl per lane

1% agarose gel-5µl per lane

3.5% agarose gel-5µl per lane

Description	Size	Unit	Cat. No.
Quanti-Marker Ladder	100bp	200 Lanes	490019-308
Quanti-Marker Ladder	100bp	500 Lanes	490019-310
Quanti-Marker Ladder	1Kb	200 Lanes	490019-314
Quanti-Marker Ladder	1Kb	500 Lanes	490019-316
Quanti-Marker Ladder	25bp	200 Lanes	490000-250
Quanti-Marker Ladder	25bp	500 Lanes	490000-252

GeneMate



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