

# qPCR & PCR Product Guide



**BioConcept**

**SSI**

Innovations for Life Science

**Consumables, reagents, instruments  
and services for qPCR & PCR**

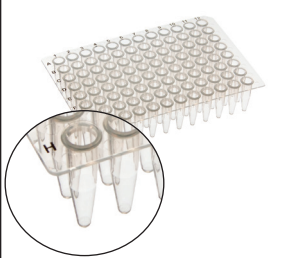
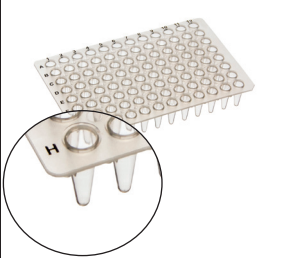
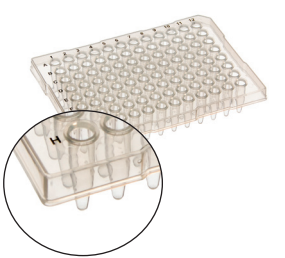
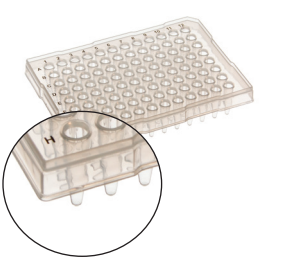




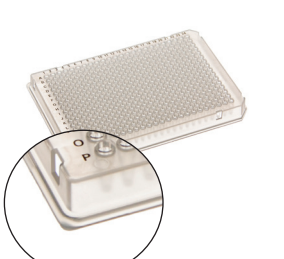
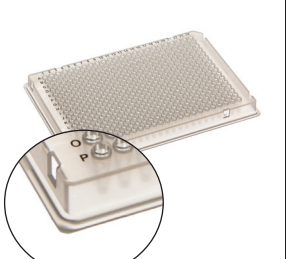
## PCR Plates

We offer the largest selection of plates that are designed to precisely fit most thermal cyclers on the market. Each is designed to meet and exceed the specifications and performance of plates supplied by the original equipment manufacturer.

- Well ridges reduce sample evaporation when sealing with film, foil or associated strip caps
- Ultra-thin, uniform wells ensure optimal heat transfer for high reaction efficiency
- Conveniently packaged in small quantities of 10 plates to minimize risk of contamination
- High contrast black alphanumeric for easy well identification
- Pre-barcoded or custom barcode options available
- Certified free from DNase, RNase, DNA, and PCR inhibitors
- Made in the USA

### Which Plate is Right For My Thermal Cycler?

Please check compatibility charts on page 4 and 5 or ask us for a free sample for testing!

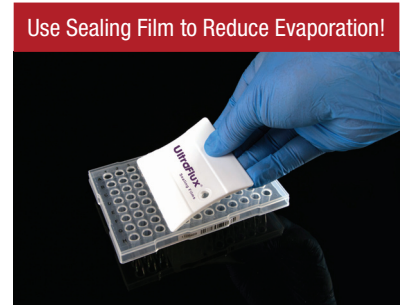
				
Non-Skirted, Standard 3400-00	Non-Skirted, Low-Profile 3401-00	Semi-Skirted, Standard 3420-00	Semi-Skirted, ABI Shape 3425-00	Semi-Skirted, ABI Fast 3442-00
				
Semi-Skirted, Standard 3450-00	Semi-Skirted, LightCycler® 3455-40	Full-Skirted, Low-Profile 3441-00	Full-Skirted, Two-Notch 3430-00	Full-Skirted, One-Notch 3435-00

Part Number	Skirting	Description	Compatibility	Quantity
3400-00	Non-skirted	Standard 96-well plate (cuttable)	qPCR & PCR	box of 10
3400C00	Non-skirted	Low-profile, 96-well plate (cuttable)	qPCR & PCR	box of 20
3420-00	Semi-skirted	Standard ABI® style 96-well plate (flat top)	qPCR & PCR	box of 10
3425-00	Semi-skirted	ABI® shape 96-well plate (raised top ridge)	qPCR & PCR	box of 10
3426-00	Semi-skirted	ABI® style FAST®-type (0.1 ml), Low-profile 96-well plate	qPCR	box of 10
3450-00	Semi-skirted	Standard-shape 96-well plate	PCR	box of 10
3455-40	Semi-skirted	LightCycler® type, Low-profile 96-well plate, white	qPCR	box of 10
3441-00	Full-skirted	Low-profile 96-well plate	qPCR & PCR	box of 10
3430-00	Full-skirted	Two-notch type (A24/P24), 384-well plate	qPCR & PCR	box of 10
3435-00	Full-skirted	One-notch (A24) Type, 384-well plate	qPCR & PCR	box of 10

## Plate Sealing

Support both real-time and standard PCR applications with a variety of plate-sealing options. 8-strip and 12-strip caps enable sealing for specific sections while UltraFlux® sealing films are designed for full plate sealing and analysis. Both create evaporation-resistant seals to reduce sample loss.

- Dome and optically-clear flat cap options for qPCR or standard PCR analysis
- Sealing films feature removable end tabs for easy handling and application
- Certified free from DNase, RNase, DNA, and PCR inhibitors
- Made in the USA



### Strip Caps for Plate Sealing

Part Number	Description	Cap Type	Compatibility	Quantity
3105-00	8-strip flat caps	Flat	qPCR & PCR	125 strips of 8
3102-00	8-strip dome caps	Dome	PCR	125 strips of 8
3106-00	12-strip flat caps	Flat	qPCR & PCR	80 strips of 12
3103-00	12-strip dome caps	Dome	PCR	80 strips of 12

### Sealing Films & Foils

Part Number	Description	Compatibility	Quantity
3651-00	Real-time Sealing Film	qPCR & PCR	100 films
3622-00	PCR Sealing Film	PCR	100 films
3640-00	Pierceable Aluminum Foil	PCR & Storage	100 films

## Individual PCR Tubes

Individual PCR tubes feature evaporation-resistant, easy-to-open/close lids to reduce sample loss and ultra-thin, uniform wells to ensure optimal heat transfer and reaction efficiency.

- Conveniently packaged in reclosable bags to minimize risk of contamination
- Available in ultra-clear, assorted, or specific colors
- Certified free from DNase, RNase, DNA, and PCR inhibitors
- Made in the USA



Part Number	Description	Compatibility	Quantity
3210-00	0.2ml dome cap PCR tubes, clear*	PCR	1000/unit
3220-00	0.2ml frosted cap PCR tubes, clear*	PCR	1000/unit
3225-00	0.2ml clear, flat cap PCR tubes, clear	qPCR & PCR	1000/unit
3310-00	0.5ml dome cap PCR tubes, clear	PCR	1000/unit
3320-00	0.5ml frosted cap PCR tubes, clear*	PCR	1000/unit

\*Also available in colors: blue, green, red, violet, yellow and assorted.

# PCR Plate Thermal Cycler Compatibility Chart

Manufacturer	Well Shape		3400 unskirted	3401 unskirted	3410 chimney top	3420 semi-skirted	3421 semi-skirted	3425 semi-skirted (raised edge)	3426 semi-skirted	3450 semi-skirted	3455 semi-skirted	3441 skirted	3435 384-well	3430-40 384-well
	Standard well (Overall height approx. 21mm, max. capacity > 350µL)		•		•	•		•		•				
	Low profile well (Overall height approx. 16mm, max. capacity approx. 200µL)			•			•		•		•	•	50µL	50µL
		Thermal cycler model												
Applied Biosystems	Thermal Cyclers	2700	•		•	•		•		•			•	
		2720						▲						
		6100						▲						
		9600	•		•	•		•		•				
		9700	•		•	•		▲		•				▲
		9800 "Fast"								•				
		Veriti 0.1mL								▲				
		Veriti 0.2mL							▲		▲			
		Veriti 384												▲
	Real Time Thermal Cyclers	5700	•			•		•		•				
		PRISM 7000	•			•		▲		▲				
		7300	•			•		▲		▲				
		7500	•			•		▲		▲				
		7500 "Fast"								▲				
		7700	•			•		•		▲				
		7900HT	•			•	•	▲						
		7900HT Fast								▲				
		7900HT 384 Well												▲
		Step One plus								▲				
		ViiA 7						▲	▲					•
Sequencers	PRISM 310	•		•	•		•	▲	▲					
	PRISM 3100	•		•	•		▲	▲	•				▲	
	3130 (XL)	•		•	•		▲	▲	▲				▲	
	3700	•		•	•		▲	▲	▲				▲	
	PRISM 3730 (XL)	•		•	•		▲	▲	▲				▲	
	3500 (XL)						•	•					•	
							•							
Bio-Rad/MJ Research	Thermal Cyclers	Gene Cycler	•		•	•		•						
		PTC-100	•	•	•					•		▲	•	
		PTC-200	•	•	•					•		▲	•	
		PTC-225 Tetrad	•	•	•					•		▲	•	
		Dyad/Dyad Disciple	•	•	•					•		▲	•	
		iCycler	•		•					▲		•		
		MyCycler	•		•									
		Mini Gradient	•	•										
		Personal	•							•				
		T100	▲										▲	
	Real Time Thermal Cyclers	DNA Engine family	•	•							•		•	•
		C1000/S1000	•	▲						•		•	•	•
		Opticon/Opticon2	•	•									▲	
		Chromo-4			•								•	
		iCycler	•		•						▲		•	
		MyiQ	•		•						▲		•	
		iQ5	•		•						▲		•	
		CFX Connect		•							•		•	
		CFX96											▲	
		CFX384												▲
Sequencers	BaseStation											•		
	Mastercycler	•	•	•						•		•		
Eppendorf	Thermal Cyclers	Mastercycler ep Gradient	•		•	•		•		•		▲		
		Mastercycler M384											•	•
		Mastercycler Nexus	•	•							•		•	
		Mastercycler Nexus Gradient	•	•							•		▲	
		Mastercycler Nexus Eco	•	•							•		•	
		Mastercycler Pro	•								•		•	•
Real time Thermal Cyclers	Mastercycler ep Realplex	•		•				•	•		▲			

DISCLAIMER: This chart is intended as a guide only. SSI cannot accept any liability or responsibility for information given

▲ = Optimal Fit

# PCR Plate Thermal Cycler Compatibility Chart

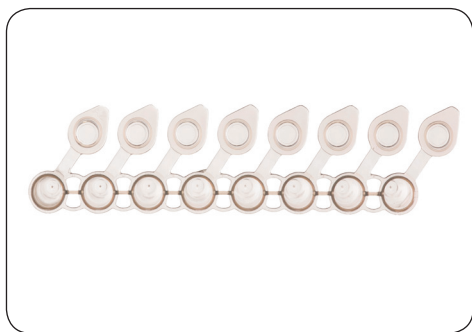
Manufacturer	Well Shape	Thermal cycler model	3400	3401	3410	3420	3421	3425	3426	3450	3455	3441	3435	3430
			unskirted	unskirted	chimney top	semi skirted	semi skirted	semi skirt (raised edge)	semi-skirted	semi skirted	semi skirted	skirted	384-well	384-well
	Standard well (Overall height approx. 21mm, max. capacity > 350µL)		•		•	•		•		•				
	Low profile well (Overall height approx. 16mm, max. capacity approx. 200µL)			•			•		•		•	•	50µL	50µL
		Thermal cycler model												
Amersham	Sequencers	MegaBace 500										•		
		MegaBace 1000										•		
		MegaBace 4000											•	
Beckman	Sequencers	CEQ	•											
Biometra	Thermal Cyclers	Uno	•	•	•	•				•		•		
		Uno II	•	•	•	•				•			•	
		T1 Thermal Cycler	•	•	•	•						•	•	
		Tgradient	•	•	•	•					•		•	
		Trobot	•	•	•	•					•		•	•
		T3000	•	•									•	•
		T Professional	•	•									•	•
Real Time Thermal Cyclers	Toptical	•	•								•	•		
Corbett Research	Thermal Cyclers	PalmCycler 96								•		•		
		PalmCycler 384											•	
Ericom	Thermal Cyclers	Power Block I	•	•	•	•	•	•						
		Deltacycler I	•	•	•					•				
		Deltacycler II	•	•	•	•	•	•						
		Single Block	•	•	•						•			
Esco	Thermal Cyclers	Swift	•		•						•		•	
		Gene	•		•						•		•	
		Genius	•		•						•		•	
G-Storm	Thermal Cyclers	GS1	•	•	•	•	•	•		•				
		GS2	•	•	•	•	•	•		•				
		GS4	•	•	•	•	•	•		•				
		GSX	•	•	•	•	•	•		•				
		GSXs	•	•	•	•	•	•		•				
MWG	Thermal Cyclers	Primus 96	•	•	•	•	•	•		•		•		
		Primus 384												•
Stratagene	Thermal Cyclers	Robocycler 96	•							•				
		Robocycler Gradient	•	•	•	•	•	•		•		•		
		SureCycler 8800		•										
Real Time Thermal Cyclers	Mx4000 and Mx3005P	•	•	•	•	•	•							
TaKaRa	Thermal Cyclers	TP240										•		
		TP3000	•	•	•	•	•	•		•		•		
Techne	Thermal Cyclers	Touchgene	•	•	•	•	•	•		•				
		Cyclogene	•	•	•	•	•	•		•				
		Genius	•	•	•	•	•	•		•				
		Genius Quad	•	•	•	•	•	•		•				
		Genius (TC412)	•	•	•	•	•	•		•		•		
		Flexigene	•	•	•	•	•	•		•		•	•	
		Touchgene X	•	•				•		•		•	•	
		Touchgene Gradient ITC512)	•	•	•	•	•	•		•		•	•	
Real Time Thermal Cyclers	Quantica		•								•			
Thermo Hybaid	Thermal Cyclers	PCR Sprint	•	•	•	•	•	•		•		•	•	
		MBS Satellite (Multiblock) System	•	•	•	•	•	•		•		•	•	
		Px2 and PxE	•	•	•	•	•	•		•		•	•	
		PCR Express and Omni-E	•	•	•	•	•	•		•		•	•	
		Touchdown	•	•	•	•	•	•		•		•	•	
OmniGene	•	•	•	•	•	•		•		•	•			
Transgenomic	Sequencers	WAVE System										•		
Roche	Real Time Thermal Cyclers	LightCycler 96									•			•
		LightCycler 480									•		•	

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## qPCR & PCR Strip Tubes & Caps

Designed to precisely fit most thermal cyclers on the market today. Strip tubes with white wells enhance fluorescence signal strength, making them ideal for qPCR analysis when combined with an optically-clear flat cap. SnapStrip® tubes are customizable, allowing users to easily split the strip into smaller sections. Combination cap and tube packs are available in standard and Low Profile versions and are conveniently packaged in resealable bags.

- Secure, evaporation-resistant seal between cap and tube
- Ultra-thin walls for optimum heat transfer and reaction efficiency
- Optically-clear flat caps - ideal for qPCR and standard PCR
- Crystal-clear clarity - easy to visualize content of each well
- Available in full range of colors or white (enhances qPCR signals)
- Certified free from DNase, RNase, DNA, and PCR inhibitors
- Made in the USA



UltraFlux® i and SnapStrip® tubes have angularly attached caps, preventing interference from adjacent lids.



UltraFlux® i tubes feature robust interwell 3-point linkages that make strips more rigid and sturdy.



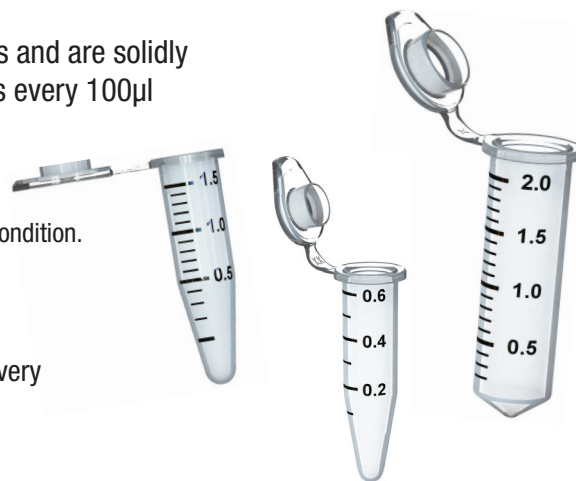
SnapStrip® tubes feature an easy-to-break single point linkage allowing you to use only the tubes you need.

Part Number	Description	Compatibility	Quantity
3247-00	UltraFlux® i 0.2ml 8-strip tubes with individual flat caps, clear	qPCR & PCR	120 strips of 8
3247-40	UltraFlux® i 0.2ml 8-strip tubes with individual flat caps, white tubes	qPCR	120 strips of 8
3248-00	UltraFlux® i Low Profile 8-strip tubes with individual flat caps, clear	qPCR & PCR	120 strips of 8
3248-40	UltraFlux® i Low Profile 8-strip tubes with individual flat caps, white tubes	qPCR	120 strips of 8
3240-00	SnapStrip® 0.2ml 8-Strip tubes with individual dome caps, clear	PCR	120 strips of 8
3245-00	SnapStrip® 0.2ml 8-Strip tubes with individual flat caps, clear	qPCR & PCR	120 strips of 8
3135-00	Combination Pack: strips of 8 tubes and flat caps, clear	qPCR & PCR	125 strips of 8
3135-40	Combination Pack: strips of 8 tubes and flat caps, white tubes	qPCR	125 strips of 8
3131-00	Combination Pack: strips of 8 tubes and dome caps, clear	PCR	125 strips of 8
3145-00	Combination Pack: Low-Profile strips of 8 tubes and flat caps, clear	qPCR & PCR	125 strips of 8
3145-40	Combination Pack: Low-Profile strips of 8 tubes and flat caps, white tubes	qPCR	125 strips of 8
3136-00	Combination Pack: strips of 12 tubes and flat caps, clear	qPCR & PCR	80 strips of 12
3136-40	Combination Pack: strips of 12 tubes and flat caps, white tubes	qPCR	80 strips of 12
3133-00	Combination Pack: strips of 12 tubes and dome caps, clear	PCR	80 strips of 12

## Microcentrifuge Tubes

Microcentrifuge tubes are available in 0.5ml, 1.5ml, and 2.0ml volumes and are solidly constructed for high speed centrifugation. All tubes feature graduations every 100 $\mu$ l allowing for convenient sample estimation.

- 2 cap styles to fit your preference:
  - Small boil-proof caps—ideal for rigorous boiling applications and tight storage condition.
  - Large boil-resistant caps—easy to open & close, with large labeling surface
- Rated to 20,000 x g for high-speed centrifugation
- Crystal-clear material allows visualization of hard-to-see pellets
- Available with proprietary NoStick<sup>®</sup> resin to ensure maximum sample recovery
- Available in ultra-clear, assorted, amber, and specific colors
- Autoclavable
- Certified free from DNase, RNase, DNA, and PCR inhibitors
- Made in the USA



Part Number	Description	Max Fill	Quantity
1110-00	0.5ml, small cap, boil-proof microcentrifuge tube, clear	0.65 ml	1000/pack
1110-10	0.5ml, NoStick <sup>®</sup> small cap, boil-proof microcentrifuge tube, clear	0.65 ml	500/pack
1210-00	1.5ml, small cap, boil-proof microcentrifuge tube, clear	1.7 ml	500/pack
1210-10	1.5ml, NoStick <sup>®</sup> small cap, boil-proof microcentrifuge tube, clear	1.7 ml	250/pack
1260-00	1.5ml, large cap, boil-resistant microcentrifuge tube, clear	1.7 ml	500/pack
1310-00	2ml, small cap, boil-proof microcentrifuge tube, clear	2.0 ml	500/pack

## 5ml Microcentrifuge Tubes



### New 5ml Flipper<sup>®</sup> rack!

Holds 0.5ml, 1.5ml, 2ml, 5ml, 15ml, and 50ml tubes

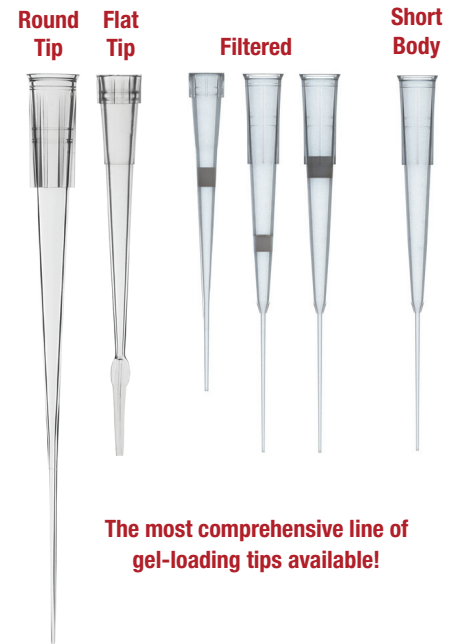
- Fits all rotors and racks that hold 15ml conical tubes - no adapters needed
- Graduated every 250 $\mu$ l allows for easy volume estimation
- Rated to 25,000 x g for high-speed centrifugation
- Assorted colors come in 4 individually packaged colors (red, blue, green, yellow)
- Autoclavable
- Certified free from DNase, RNase, DNA, and PCR inhibitors
- Made in the USA



Part Number	Description	Quantity
1410-00	5ml snap-cap centrifuge tube, clear	100/bag; 2 bags/pack
1410-09	5ml snap-cap centrifuge tube, assorted colors (individually packed)	50/bag; 4 bags/pack
5415-59	5ml tube-compatible Flipper <sup>®</sup> rack	50/bag; 4 bags/pack

## Gel Loading Pipette Tips

- Available in both round and flat tip options
- Compatible with most standard research pipettors
- Low-binding resin reduces protein loss and maximizes sample delivery
- Multichannel-friendly with standard 96 tip arrangement
- Autoclavable
- Certified free from DNase, RNase, DNA, and PCR inhibitors
- Made in the USA

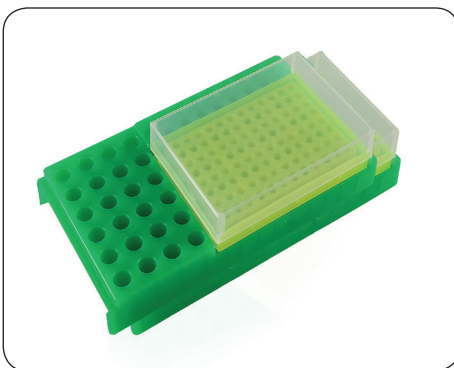


The most comprehensive line of gel-loading tips available!

Part Number	Volume	Tip Shape	Orifice	Quantity
4817-00	10µl	Round	0.57mm	2 racks of 96
4817-0A	10µl	Flat	0.37mm	2 racks of 96
4817-0B	10µl	Flat	0.17mm	2 racks of 96
4837-00	200µl	Round	0.57mm	2 racks of 96
4837-0A	200µl	Flat	0.37mm	2 racks of 96
4837-0B	200µl	Round	0.17mm	2 racks of 96
4817-SF	10µl Filtered	Round	0.57mm	2 racks of 96
4847-AF	20µ Filtered	Round	0.57mm	2 racks of 96
4847-BF	100µl Filtered	Round	0.57mm	2 racks of 96
4840-00	200µl Short-Body, BULK	Round	0.57mm	1000 per bag
4847-00	200µl Short-Body	Round	0.57mm	2 racks of 96

## PCR Workup Racks

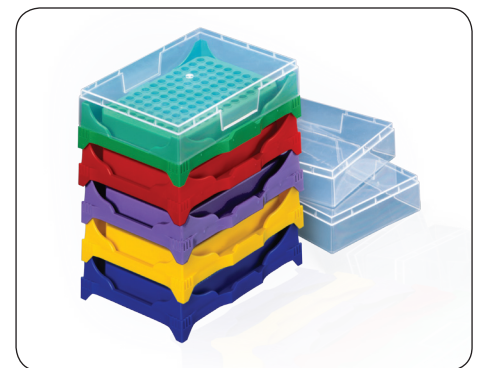
Versatile racks are perfect for all pre- and post-PCR sampling applications. Available in a variety of colors, each rack can support a wide range of tube sizes and plates and is safe to -80°C.



5220-29



5230-29



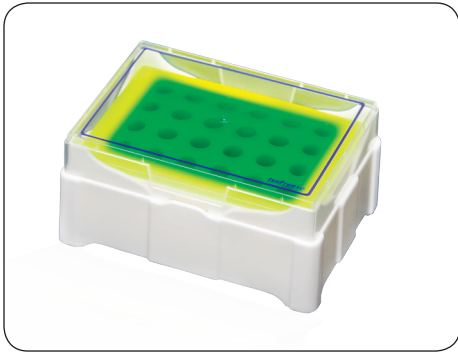
5240-09

Part Number	Description	Capacity	Quantity
5220-29	Workup rack and workstation unit with lid	Unit: (32) 0.2ml tubes (24) 1.5 or 2ml tubes (16) 0.5ml tubes Rack: (1) 96 well plate or (96) 0.2ml tubes or (12) 8-strip tubes	10 per pack
5230-29	Workup rack with lid	(1) 96 well plate or (96) 0.2ml tubes or (12) 8-strip tubes	5 per pack
5240-09	Stacking Workup rack with lid	(1) 96 well plate or (96) 0.2ml tubes or (12) 8-strip tubes	5 per pack

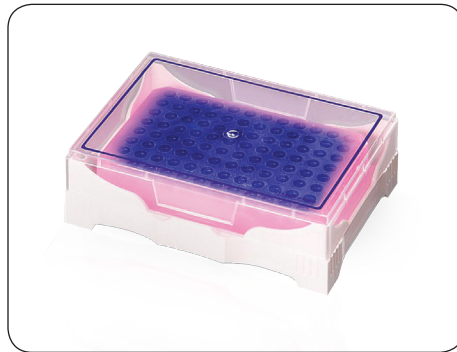


## IsoFreeze® Racks

**Leave the ice buckets behind!** IsoFreeze® racks contain an inert, non-toxic, color-changing gel that maintains a temperature of less than 4°C for almost 4 hours (with lid on rack) at room temperature. Upon reaching 7°C, the rack alerts the user by undergoing a distinct color change from green to yellow or purple to pink. An ideal combination of function and utility, these racks can go from freezer to lab bench without having to transfer samples.



5630-T6



5640-T4



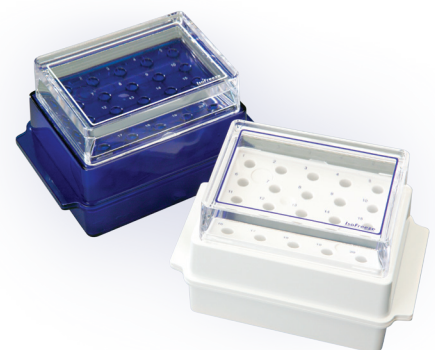
5650-T6

Part Number	Description	Capacity	Quantity
5630-T4	IsoFreeze® rack for tubes, purple to pink color change	(24) 0.5ml, 1.5ml or 2ml tubes	1 rack per pack
5630-T6	IsoFreeze® rack for tubes, green to yellow color change	(24) 0.5ml, 1.5ml or 2ml tubes	1 rack per pack
5640-T4	IsoFreeze® rack for PCR, purple to pink color change	(1) 96 well plate or (96) 0.1 or 0.2ml tubes or (12) 8-strip tubes	2 racks per pack
5640-T6	IsoFreeze® rack for PCR, green to yellow color change	(1) 96 well plate or (96) 0.1 or 0.2ml tubes or (12) 8-strip tubes	2 racks per pack
5650-T4	IsoFreeze® rack for PCR, SBS footprint, purple to pink color change	(1) 96 well plate or (96) 0.1 or 0.2ml tubes or (12) 8-strip tubes	2 racks per pack
5650-T6	IsoFreeze® rack for PCR, SBS footprint, green to yellow color change	(1) 96 well plate or (96) 0.1 or 0.2ml tubes or (12) 8-strip tubes	2 racks per pack

## IsoFreeze® Flipper® Racks

One side can hold up to (20) 1.5ml or 2ml tubes, the other side can hold up to (20) 0.5ml tubes.

- Blue -20°C unit will maintain a temperature between -10°C and -20°C for up to three hours
- White 0°C unit will maintain a temperature of 0°C for a minimum of five hours
- Constructed of polycarbonate material
- Made in the USA



Part Number	Description	Capacity	Quantity
5610-43	IsoFreeze® Flipper® rack for tubes, Blue -20°C unit	(20) 0.5ml, 1.5ml or 2ml tubes	1 rack per pack
5610-40	IsoFreeze® Flipper® rack for tubes, White 0°C unit	(20) 0.5ml, 1.5ml or 2ml tubes	1 rack per pack

## DNA Polymerases from New England Biolabs

Part Number	Description	Quantity
M0491S/L	Q5 <sup>®</sup> High-Fidelity DNA Polymerase	100/500 units
M0493S/L	Q5 <sup>®</sup> Hot Start High-Fidelity DNA Polymerase	100/500 units
M0492S/L	Q5 <sup>®</sup> High-Fidelity 2X Master Mix	100/500 rxns (50 ul/vol)
M0494S/L	Q5 <sup>®</sup> Hot Start High-Fidelity 2X Master Mix	100/500 rxns (50 ul/vol)
M0530S/L	Phusion <sup>®</sup> High-Fidelity DNA Polymerase	100/500 units
M0531S/L	Phusion <sup>®</sup> High-Fidelity PCR Master Mix with HF Buffer	100/500 rxns (50 ul/vol)
M0536S/L	Phusion <sup>®</sup> Hot Start Flex 2X Master Mix	100/500 units
M0480S/L/X	OneTaq <sup>®</sup> DNA Polymerase	200/1'000/5 x 1'000 units
M0481S/L/X	OneTaq <sup>®</sup> Hot Start DNA Polymerase	200/1'000/5 x 1'000 units
M0486S/L	OneTaq <sup>®</sup> Quick-Load 2X Master Mix with Standard Buffer	100/500 reactions
M0488S/L	OneTaq <sup>®</sup> Hot Start Quick-Load 2X Master Mix with Standard Buffer	100/500 reactions

## dNTPs

Part Number	Description	Quantity
BSA14S2B	BioReady dNTP Mixture, 10mM	1 ml

## Kits from New England Biolabs

Part Number	Description	Quantity
E1202S	NEB PCR Cloning Kit (incl. competent <i>E. coli</i> )	20 reactions
E1203S	NEB PCR Cloning Kit (without Competent Cells)	20 reactions
E2621S/L/X	NEBuilder <sup>®</sup> HiFi DNA Assembly Master Mix	10/50/250 reactions
E2611S/L	Gibson Assembly <sup>®</sup> Master Mix	10/50 reactions
E0552S	Q5 <sup>®</sup> Site-Directed Mutagenesis Kit (without Competent Cells)	10 reactions
E0554S	Q5 <sup>®</sup> Site-Directed Mutagenesis Kit	10 reactions
M0368S/L/X	ProtoScript <sup>®</sup> II Reverse Transcriptase	4'000/10'000/40'000 units
E6560S/L	ProtoScript <sup>®</sup> II First Strand cDNA Synthesis Kit	30/150 reactions

## DNA Ladders from New England Biolabs

Part Number	Description	Quantity
N3200S/L	2-Log DNA Ladder (0.1-10.0 kb)	200/1'000 gel lanes
N3231S/L	DNA Ladder 100 bp	100/500 gel lanes
N3232S/L	DNA Ladder 1 kb	200/1'000 gel lanes
N0551S	Quick-Load <sup>®</sup> Purple 100 bp DNA Ladder	125 gel lanes
N0552S	Quick-Load <sup>®</sup> Purple 1 kb DNA Ladder	125 gel lanes

## Monarch<sup>™</sup> Nucleic Acid Purification Kits from New England Biolabs

Part Number	Description	Quantity
T1010S/L	Monarch <sup>™</sup> Plasmid Miniprep Kit	50/250 preps
T1020S/L	Monarch <sup>™</sup> DNA Gel Extraction Kit	50/250 preps
T1030S/L	Monarch <sup>™</sup> PCR & DNA Cleanup Kit (5ug)	50/250 preps

## Agaroses, Buffers and Water for Molecular Biology

Part Number	Description	Quantity
7-01P02-R	BioConcept Standard Agarose - Type LE for routine gel electrophoresis	500g
7-18P12-0	BioConcept Special Agarose - Type 3:1 for fine resolution gel electrophoresis	100g
3-07F01-I	10x TBE buffer	500ml
3-07F03-I	50x TAE buffer	500ml
3-07F00-I	20x SSC buffer, pH 7.0	500ml
3-07F04-I	Water for Molecular Biology	500ml

## Instruments



Economical **LifeECO** thermal cycler

- 96-well gradient block
- touchscreen
- energy saving



Flexible **GeneTouch** thermal cycler

- 5 interchangeable blocks: 96-well gradient, 384-well, 2x48-well, 48- and 30-well, in-situ-plate block (4 plates)
- touchscreen
- quiet running



**Colibri** microvolume spectrophotometer for DNA, RNA, proteins and more

- nucleic acid concentration and purity
- protein quantification (A280, Bradford, BCA, Lowry, Pierce)
- cell density
- general UV/Vis spectrophotometry

## Services



Pipette Care is BioConcept's pipette service for servicing and calibrating all major brands including Biohit®, Gilson®, Finnpipette®, Eppendorf®, Rainin®, Capp®, Socorex® and others. We service and calibrate all brands, all types and all volumes.



CYCLERtest: Thermal performance and validation of PCR and qPCR cyclers:

MTAS®: On-site calibration service enables laboratories to assure its thermal cyclers to perform according to specifications.

DRIFTCON®: A personal temperature drift monitoring system for thermal cyclers and instruments.



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