

### Molecular biology resources



# Molecular biology handbook—available in both printable and interactive formats

Find solutions, tips, and resources to help you excel in your molecular biology research.

thermofisher.com/molbiobook

### Ordering information

Reverse transcriptases  SuperScript IV Reverse Transcriptase  SuperScript IV CellsDirect	2,000 units	18090010
Reverse Transcriptase		18090010
Reverse Transcriptase	10.000 1:	
SuperScript IV CellsDirect	10,000 units	18090050
SuperScript IV CellsDirect cDNA Synthesis Kit	50 reactions	11750150
	500 reactions	11750350
SuperScript IV CellsDirect Lysis Reagents	50 reactions	11750550
SuperScript IV One-Step RT-PCR System	25 reactions	12594025
	100 reactions	12594100
SuperScript IV One-Step	25 reactions	12595025
RT-PCR System with ezDNase Enzyme	100 reactions	12595100
DNA polymerases		
Platinum II Taq Hot-Start	100 reactions	14966001
DNA Polymerase	500 reactions	14966005
Platinum II Hot-Start PCR Master Mix (2X)	50 reactions	14000012
	200 reactions	14000013
Platinum II Green Hot-Start PCR Master Mix (2X)	50 reactions	14001012
	200 reactions	14001013
Platinum SuperFi II DNA Polymerase	100 reactions	12361010
	500 reactions	12361050
Platinum SuperFi II PCR Master Mix	100 reactions	12368010
	500 reactions	12368050
Platinum SuperFi II Green PCR Master Mix	100 reactions	12369010
	500 reactions	12369050
Platinum Direct PCR Universal Master Mix	100 reactions	A44647100
	500 reactions	A44647500

Download PCR Quest today at thermofisher.com/pcrquest



### Molecular biology education at your fingertips

Learn reverse transcription, PCR, electrophoresis, and more—at your own pace and on your own time. thermofisher.com/molbioschool

Product	Quantity	Cat. No.
Thermal cycler, plastics, and service* packages	extended	
VeritiPro 96-well Thermal Cycler		A48141
VeritiPro 96-well Thermal Cycler Package, 1 x 96-well, 8-Tube St		A47396
VeritiPro 96-well Thermal Cycler Package, 1 x 96-well, EnduraPla		A47397
VeritiPro 96-well Thermal Cycler Package, 1 x 96-well, TriFlex pla		A47398
VeritiPro 96-well Thermal Cycler Package, 1 x 96-well, 8-Tube St		A48766
VeritiPro 96-well Thermal Cycler Package, 1 x 96-well, 8-Tube St		A48767
VeritiPro 96-well Thermal Cycler Package, 1 x 96-well, EnduraPla		A48768
VeritiPro 96-well Thermal Cycler Package, 1 x 96-well, EnduraPla		A48769
	96-well Thermal Cycler + Plastics 1 x 96-well, TriFlex Plates + ABRC**	
eritiPro 96-well Thermal Cycler + Plastics ackage, 1 x 96-well, TriFlex Plates + REX <sup>†</sup>		A48771
DNA electrophoresis		
E-Gel Power Snap Electrophoresis Device	1 instrument	G8100
E-Gel Power Snap Camera	1 instrument	G8200
E-Gel Power Snap Electrophoresis System	1 device, 1 camera	G8300
E-Gel Power Snap Electrophoresis Device Starter Kit, CloneWell II, 0.8%	1 kit	G8168ST
E-Gel Power Snap Electrophoresis System Starter Kit, DC Safe 2%	1 kit	G8372ST
E-Gel Power Snap Electrophoresis System Starter Kit, EX DC 1%	1 kit	G8331ST

<sup>\*</sup> Standard 2 year warranty included.

\*\* 1 year AB Benair Center Support ex

 $<sup>\</sup>dagger$  1 year Rapid Exchange extended service coverage, for a total of 3 years of service in most locations.





# Now boarding

Innovative products across the PCR workflow



<sup>\*\* 1</sup> year AB Repair Center Support extended service coverage, for a total of 3 years of service in most locations.

### Reverse transcriptases

Engineered to deliver superior performance, even with challenging RNA samples

#### Invitrogen<sup>™</sup> SuperScript<sup>™</sup> IV Reverse Transcriptase

- Fast results—synthesizes high yields of cDNA (up to 9 kb) in just 10 min
- **Robust**—transcribes even from degraded or inhibitor-containing RNA samples
- **Convenient**—available in a variety of formats for any downstream application

#### thermofisher.com/ssiv



#### Invitrogen<sup>™</sup> SuperScript<sup>™</sup> IV One-Step RT-PCR System

- Two-phase hot-start activation mechanism enables room-temperature setup and high specificity
- Superior performance—high sensitivity and target length, with the fastest protocol

#### thermofisher.com/ssiv-onestep



#### Invitrogen<sup>™</sup> SuperScript<sup>™</sup> IV CellsDirect<sup>™</sup> cDNA Synthesis Kit

- Save time—synthesizes cDNA directly from mammalian cell lysates without the need to isolate RNA
- Superior sensitivity—detects low-abundance targets, even from single cells

thermofisher.com/cellsdirect

### DNA polymerases

High specificity and yields with Platinum<sup>™</sup> hot-start technology



#### Invitrogen<sup>™</sup> Platinum<sup>™</sup> II *Taq* DNA Polymerase

- Universal primer annealing at 60°C—reduces tedious optimization steps and enables PCR co-cycling
- Engineered Taq polymerase with leading hotstart technology—enables fast, robust, and highly specific PCR

#### thermofisher.com/platinumiitaq



#### Invitrogen<sup>™</sup> Platinum<sup>™</sup> SuperFi<sup>™</sup> II DNA Polymerase

- Exceptional fidelity—300x more accurate than *Taq* DNA polymerase
- Simplified workflow—buffer formulated for a universal annealing temperature of 60°C

#### thermofisher.com/platinumsuperfi



### Invitrogen<sup>™</sup> Platinum<sup>™</sup> Direct PCR Universal Master Mix

- **Universal**—one master mix for different sample types, one annealing temperature for different primer sets
- Fast—skips DNA purification; synthesizes DNA at 20 sec/kb

thermofisher.com/platinumdirect

## Thermal cyclers

Precise, consistent results for every challenge, application, and budget

#### Applied Biosystems™ VeritiPro™ Thermal Cycler

Ultimate performance

The VeritiPro Thermal Cycler delivers proven reliability with advanced temperature control technology and connectivity. Take advantage of next-level PCR optimization with the precision offered by Applied Biosystems™ VeriFlex™ Block technology. You can connect to the VeritiPro Thermal Cycler remotely to conveniently design and securely upload your methods, monitor runs, and check instrument availability from any mobile device or desktop computer with Connect, our cloud-based platform.

- Innovative design—ramp rate of 6.0°C/sec, quiet fan, and ergonomic soft-close lid
- **VeriFlex Blocks**—precise control over six independent temperature zones for PCR optimization
- Fleet control-compatible—manage multiple instruments, users, and methods securely with Thermal Cycler Fleet Control Software

thermofisher.com/veritipro

### PCR plastics

Find the right fit, fast

Easily find the PCR and qPCR plastics that are compatible with your instrument using the online selection tool **thermofisher.com/findplastics** 



### Electrophoresis system

Fast, bufferless, and fully integrated agarose electrophoresis



#### Invitrogen<sup>™</sup> E-Gel<sup>™</sup> Power Snap Electrophoresis System

- Faster analysis—sample loading to image capture in 15 minutes
- **Simple operation**—intuitive user interface with large touchscreen and integrated operating system
- Safer handling—minimize handling of hazardous chemicals with Invitrogen™ E-Gel™ precast gel cassettes

thermofisher.com/powersnap

Invitrogen™ E-Gel™ Double
Comb gels enable analysis
of up to 22 samples
thermofisher.com/egelselection







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