

Marketplace

PRECISION



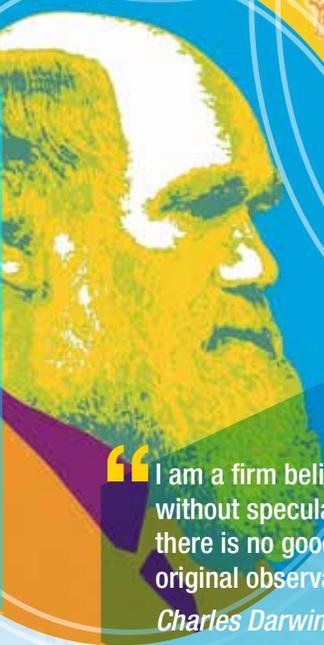
“Count what is countable, measure what is measurable, and what is not measurable, make measurable.”
Galileo Galilei

PERSISTENCE



“I was taught that the way of progress is neither swift nor easy.”
Marie Curie

CURIOSITY



“I am a firm believer that without speculation there is no good and original observation.”
Charles Darwin

ESSENTIAL IN SCIENCE

ESSENTIAL TO YOUR SCIENCE

Thermo Scientific™ Products:

- Cloning Enzymes and Kits
- FastDigest Enzymes
- Transfection Reagents
- RevertAid Reverse Transcriptases
- Maxima qPCR Master Mixes
- Plastic Consumables
- GeneRuler DNA Ladders
- DreamTaq DNA Polymerases
- dNTP Sets and Mixes
- Phusion DNA Polymerases

Find all promotions at:
thermoscientific.com/tmb

Use the Fisher Scientific™ Promo Cat. No. to obtain promotional pricing

Aren't you curious how much faster you would get your cloning done with Thermo Scientific enzymes and kits?

Powerful enzymes and kits to support your cloning workflow

25%
OFF*

Thermo Scientific™ DNA Modifying Enzymes

- Extremely pure quality guarantee
- Produced under the ISO 9001:2000 quality management system

Learn how we consistently ensure the highest quality at:
thermoscientific.com/enzyme-quality

Thermo Scientific™ Cloning Kits

- PCR cloning of blunt- and sticky-end DNA fragments in 5-10 minutes (Cat. No. FERK1231/2)
- Ligation of sticky-end or blunt-end DNA in 5 minutes (Cat. No. FERK1422/3)

Fisher Scientific Cat. No.	Fisher Scientific Promo Cat. No.	Description	Size
FEREL0014	FEREL0014-PR	T4 DNA Ligase (5 Weiss U/μL)**	200 U
FEREL0011	FEREL0011-PR		1000 U
FEREK0031	FEREK0031-PR	T4 Polynucleotide Kinase (T4 PNK)	500 U
FEREK0032	FEREK0032-PR	(10 U/μL)	2500 U
FERK1231	FERK1231-PR	CloneJET PCR Cloning Kit	20 rxns
FERK1232	FERK1232-PR		40 rxns
FERK1422	FERK1422-PR	Rapid DNA Ligation Kit	50 rxns
FERK1423	FERK1423-PR		150 rxns

*To redeem, place your order through Fisher Scientific using the promo cat. no. detailed above. Offers are valid from September 1 until December 31, 2014. Not to be combined with any other promotions or quotes.
**1 Weiss Unit = 200 Cohesive End Units (CEU)



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Thermo Scientific™ FastDigest™ Restriction Enzymes

- 100% activity of all FastDigest enzymes in one buffer
- Complete digestion in 5-15 minutes
- 100% buffer compatibility with downstream applications
- Direct loading on gels with Thermo Scientific™ FastDigest™ Green buffer



Discover all 176 FastDigest enzymes at: thermoscientific.com/fastdigest

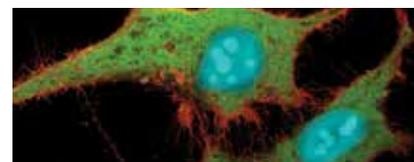
*The FastDigest product catalog numbers can be found online. To redeem, place your order through Fisher Scientific using the promo cat. no. Offers are valid from September 1 until December 31, 2014. Not to be combined with any other promotions or quotes.

Transfect for less!

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Thermo Scientific™ TurboFect™ Transfection Reagents

- High transfection efficiency to a wide variety of cell types
- Minimal toxicity when compared to other transfection reagents
- Simple three-step transfection protocol
- Transfection in the presence or absence of serum



Fisher Scientific Cat. No.	Fisher Scientific Promo Cat. No.	Description	Size
FERR0531	FERR0531-PR	TurboFect Transfection Reagent	1 mL
FERR0532	FERR0532-PR		5 x 1 mL
FERR0541	FERR0541-PR	TurboFect <i>in vivo</i> Transfection Reagent	120 μL

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Essential tools for RT-qPCR

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Thermo Scientific™ RevertAid™ Reverse Transcriptases

- Efficient synthesis of full-length first strand cDNA up to 13 kb
- Optimum activity at 42°C, active up to 55°C

Thermo Scientific™ RiboLock™ RNase Inhibitor

- Efficient inhibition of eukaryotic RNases A, B and C
- Reliable protection of RNA from degradation at temperatures up to 55°C
- High stability – active at pH 5-9 in a wide range of reaction conditions

Fisher Scientific Cat. No.	Fisher Scientific Promo Cat. No.	Description	Size
FEREP0441	FEREP0441-PR	RevertAid Reverse Transcriptase	10000 U
FEREP0442	FEREP0442-PR		5 x 10000 U
FERK1622	FERK1622-PR	RevertAid First Strand cDNA Synthesis Kit	100 rxns
FERK1691	FERK1691-PR	RevertAid RT Kit	500 rxns
FEREP0451	FEREP0451-PR	RevertAid H Minus Reverse Transcriptase	10000 U
FEREP0452	FEREP0452-PR		5 x 10000 U
FERK1632	FERK1632-PR	RevertAid H Minus First Strand cDNA Synthesis Kit	100 rxns
FERE00381	FERE00381-PR	RiboLock RNase Inhibitor	2500 U
FERE00382	FERE00382-PR		4 x 2500 U

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Thermo Scientific™ Maxima™ qPCR Master Mixes

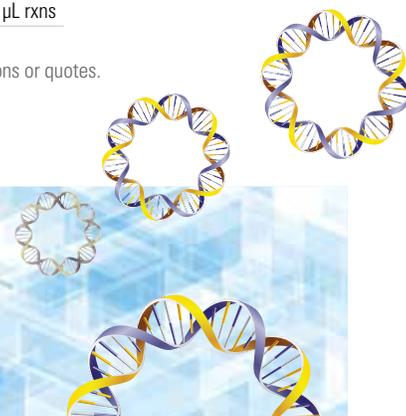
- High sensitivity – detection of low copy number targets
- High specificity – no unspecific amplification and formation of primer dimers
- Wide linear range – accurate quantification across nine orders of magnitude

Fisher Scientific Cat. No.	Fisher Scientific Promo Cat. No.	Description	Size
FERK0222	FERK0222-PR	Maxima SYBR Green/ROX qPCR Master Mix	1000 x 25 µL rxns
FERK0223	FERK0223-PR		4000 x 25 µL rxns
FERK0252	FERK0252-PR	Maxima SYBR Green qPCR Master Mix, ROX solution provided	1000 x 25 µL rxns
FERK0253	FERK0253-PR		4000 x 25 µL rxns
FERK0242	FERK0242-PR	Maxima SYBR Green/Fluorescein qPCR Master Mix	1000 x 25 µL rxns
FERK0243	FERK0243-PR		4000 x 25 µL rxns
FERK0232	FERK0232-PR	Maxima Probe/ROX qPCR Master Mix	1000 x 25 µL rxns
FERK0233	FERK0233-PR		4000 x 25 µL rxns
FERK0262	FERK0262-PR	Maxima Probe qPCR Master Mix, ROX solution provided	1000 x 25 µL rxns
FERK0263	FERK0263-PR		4000 x 25 µL rxns

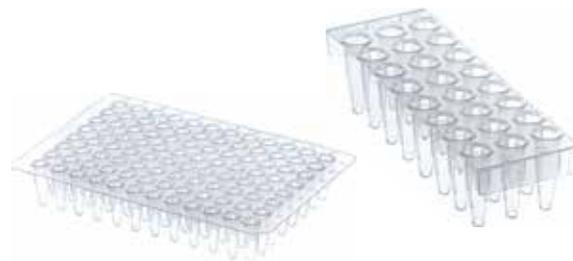
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Molecular Biology Webinar Series

Discover Thermo Scientific™ Molecular Biology webinars on molecular cloning, endpoint and real-time PCR, next-generation sequencing, nucleic acid sample preparation, and much more. Visit our webinar library at: thermoscientific.com/molbio-webinars



Plastic consumables for PCR and qPCR



45% OFF*

Thermo Scientific™ Plastic Consumables

- Plates, tubes, strips and sealing options compatible with all main PCR and qPCR instruments
- Clean-room production – certified free from DNA, RNases and DNases
- Uniform well walls for maximum and consistent heat transfer

Fisher Scientific Cat. No.	Fisher Scientific Promo Cat. No.	Description	Size
AB-0600	AB-0600-PR	96-well PCR Plate, Non-Skirted	25 plates
AB-0700	AB-0700-PR	96-well Low Profile PCR Plate, Non-Skirted	25 plates
AB-0800	AB-0800-PR	96-well Low Profile PCR Plate, Skirted	25 plates
AB-0900	AB-0900-PR	96-well Segmented PCR Plate, Semi-Skirted	25 plates
AB-1400	AB-1400-PR	96-well PCR Plate, Semi-Skirted with Flat Deck	25 plates
AB-1400-L	AB-1400-L-PR	96-well PCR Plate, Semi-Skirted, Flat Deck (Black Lettering)	25 plates
AB-0558	AB-0558-PR	Adhesive PCR Seals	100 sheets
AB-0626	AB-0626-PR	Adhesive PCR Foils	100 sheets
AB-1170	AB-1170-PR	ABsolute qPCR Seals	50 seals
AB-0337	AB-0337-PR	0.2 mL Domed Cap Tubes	1000 tubes
AB-0350	AB-0350-PR	0.5 mL Flat Cap Tubes	1000 tubes
AB-0620	AB-0620-PR	0.2 mL Flat Cap Tubes	1000 tubes
AB-0266	AB-0266-PR	Strips of 8 Tubes & Domed Caps	250 strips
AB-1182	AB-1182-PR	Strips of 8 Tubes & Flat Caps	250 strips
AB-0784	AB-0784-PR	Strips of 8 Flat Caps	250 strips
AB-0265	AB-0265-PR	Strips of 8 Domed Caps	250 strips
AB-0866	AB-0866-PR	Ultra Clear Cap Strips	120 strips

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Designed for perfect migration

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Thermo Scientific™ GeneRuler™ DNA Ladders

- Broad range ladders with bright reference bands
- Easy DNA quantification
- Supplied with 6X loading dye



Fisher Scientific Cat. No.	Fisher Scientific Promo Cat. No.	Description	Size	Range, bp
FERSM0241	FERSM0241-PR	GeneRuler 100 bp DNA Ladder	100 appl.	
FERSM0242	FERSM0242-PR	GeneRuler 100 bp DNA Ladder	500 appl.	100-1000
FERSM0243	FERSM0243-PR	GeneRuler 100 bp DNA Ladder, RTU**	100 appl.	
FERSM0321	FERSM0321-PR	GeneRuler 100 bp Plus DNA Ladder	100 appl.	
FERSM0322	FERSM0322-PR	GeneRuler 100 bp Plus DNA Ladder	500 appl.	100-3000
FERSM0323	FERSM0323-PR	GeneRuler 100 bp Plus DNA Ladder, RTU	100 appl.	
FERSM0311	FERSM0311-PR	GeneRuler 1 kb DNA Ladder	500 appl.	
FERSM0312	FERSM0312-PR	GeneRuler 1 kb DNA Ladder	2500 appl.	250-10000
FERSM0313	FERSM0313-PR	GeneRuler 1 kb DNA Ladder, RTU	500 appl.	
FERSM1331	FERSM1331-PR	GeneRuler 1 kb Plus DNA Ladder	500 appl.	
FERSM1332	FERSM1332-PR	GeneRuler 1 kb Plus DNA Ladder	2500 appl.	75-20000
FERSM1333	FERSM1333-PR	GeneRuler 1 kb Plus DNA Ladder, RTU	500 appl.	
FERR0611	FERR0611-PR	6X DNA Loading Dye	5 x 1 mL	
FERR0631	FERR0631-PR	6X Orange DNA Loading Dye	5 x 1 mL	

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Essential tools for PCR

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Thermo Scientific™ DreamTaq™ DNA Polymerases

- Enhanced *Taq* DNA polymerase optimized for routine PCR amplification
- Longer fragment amplification, higher sensitivity and yields than conventional *Taq* DNA polymerases
- Direct loading of PCR products on gels with Green Buffer formats

Fisher Scientific Cat. No.	Fisher Scientific Promo Cat. No.	Description	Size
FEREP0702	FEREP0702-PR	DreamTaq DNA Polymerase	500 U
FEREP0703	FEREP0703-PR		5 x 500 U
FEREP0712	FEREP0712-PR	DreamTaq Green DNA Polymerase	500 U
FEREP0713	FEREP0713-PR		5 x 500 U
FERK1071	FERK1071-PR	DreamTaq PCR Master Mix	200 rxns
FERK1072	FERK1072-PR		1000 rxns
FERK1081	FERK1081-PR	DreamTaq Green PCR Master Mix	200 rxns
FERK1082	FERK1082-PR		1000 rxns

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Thermo Scientific™ dNTP Sets and Mixes

- Greater than 99% purity confirmed by HPLC
- Guaranteed free of endonucleases, exonucleases, RNases and nicking enzymes
- Guaranteed free of contaminating human and *E. coli* DNA
- Highly stable – no loss of performance after multiple freeze/thaw cycles

Fisher Scientific Cat. No.	Fisher Scientific Promo Cat. No.	Description	Size
FERR0192	FERR0192-PR	dNTP Mix, 10 mM each	1 mL
FERR0193	FERR0193-PR		5 x 1 mL
FERR0181	FERR0181-PR	dNTP Set, 100 mM solutions	4 x 0.25 mL
FERR0182	FERR0182-PR		4 x 1 mL

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Essential in Science

Persistence

Thermo Scientific™ DNA polymerases and nucleotides are of extremely high quality for consistent performance, time after time.



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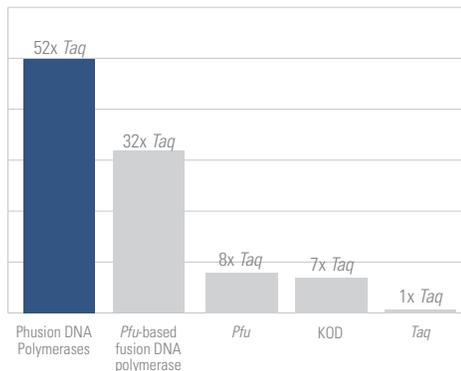
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The gold standard for high-fidelity PCR

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Thermo Scientific™ Phusion™ DNA Polymerases

- Extremely accurate and fast amplification
- Robust performance and high yields with minimal enzyme amounts
- Direct loading on gels with Phusion Green formats



▲ Relative fidelity values of different DNA polymerases.
Fidelity = 1 / error rate.

Fisher Scientific Cat. No.	Fisher Scientific Promo Cat. No.	Description	Size
F-530S	F-530S-PR	Phusion High-Fidelity DNA Polymerase	100 U
F-530L	F-530L-PR		500 U
F-534S	F-534S-PR	Phusion Green High-Fidelity DNA Polymerase	100 U
F-534L	F-534L-PR		500 U
F-532S	F-532S-PR	Phusion High-Fidelity PCR Master Mix with GC Buffer	100 rxns
F-532L	F-532L-PR		500 rxns
F-531S	F-531S-PR	Phusion High-Fidelity PCR Master Mix with HF Buffer	100 rxns
F-531L	F-531L-PR		500 rxns
F-549S	F-549S-PR	Phusion Hot Start II High-Fidelity DNA Polymerase	100 U
F-549L	F-549L-PR		500 U
F-537S	F-537S-PR	Phusion Green Hot Start II High-Fidelity DNA Polymerase	100 U
F-537L	F-537L-PR		500 U

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