

# Marketplace

## THE BEST MOLECULAR BIOLOGY TOOLS

### Special offers on Thermo Scientific™ products:

- Reverse transcriptases
- DNA and RNA purification kits
- DNA polymerases
- Direct PCR master mixes
- RNase inhibitors
- RNA ladders
- Agaroses
- PCR plastic consumables

*Essentials Tour 2016*

Find all promotions at [thermofisher.com/marketplace](http://thermofisher.com/marketplace)



# For maximum performance in RT-PCR and RT-qPCR



## Thermo Scientific™ Maxima™ Reverse Transcriptases

- Superior yields of full-length cDNA
- High reaction temperatures for improved transcription
- High transcription efficiency on long RNA templates
- Formats available with integrated gDNA removal step for simplified workflows

Cat. No.	Description	Size
EP0741		2,000 U
EP0742	Maxima Reverse Transcriptase (200 U/μL)	10,000 U
EP0743		4 x 10,000 U
EP0751		2,000 U
EP0752	Maxima H Minus Reverse Transcriptase (200 U/μL)	10,000 U
EP0753		4 x 10,000 U
K1651		20 rxns
K1652	Maxima H Minus First Strand cDNA Synthesis Kit	100 rxns
K1681		20 rxns
K1682	Maxima H Minus First Strand cDNA Synthesis Kit, with dsDNase	100 rxns
K1641		50 rxns
K1642	Maxima First Strand cDNA Synthesis Kit for RT-qPCR	200 rxns
K1671		50 rxns
K1672	Maxima First Strand cDNA Synthesis Kit for RT-qPCR, with dsDNase	200 rxns

\*Use promotion code **RMD125** and refer to the back cover for additional terms and conditions and ordering details.

# Efficient synthesis of double-stranded DNA



## Thermo Scientific™ Maxima H Minus Double-Stranded cDNA Synthesis Kit

- Reliable synthesis of full-length double-stranded cDNA
- Fast protocols—procedure completed in less than 2 hours
- Complete solution—includes primers, controls, and residual RNA removal reagents

Cat. No.	Description	Size
K2561	Maxima H Minus Double-Stranded cDNA Synthesis Kit	10 rxns

\*Use promotion code **RMD125** and refer to the back cover for additional terms and conditions and ordering details.

DO YOU WANT TO KNOW A MAXIMA SECRET?

## MOLECULAR EVOLUTION FOR MAXIMUM cDNA

Maxima Reverse Transcriptase was developed using a proprietary technology for *in vitro* protein evolution that has enabled the introduction and selection of multiple favorable mutations into the traditional MMuLV reverse transcriptase. This has dramatically improved the enzyme's efficiency and thermostability and has maximized its performance in cDNA synthesis.

Learn more at [thermofisher.com/maxima](http://thermofisher.com/maxima)



# RNA and DNA purification kits



## Thermo Scientific™ GeneJET™ nucleic acid purification kits

- High yields of pure nucleic acids
- Convenient spin columns with trusted silica-membrane technology
- Specialized solutions for a wide variety of sample types

Cat. No.	Description	Size
K0731	GeneJET RNA Purification Kit	50 preps
K0732		250 preps
K0801	GeneJET Plant RNA Purification Kit	50 preps
K0802		250 preps
K0871	GeneJET Whole Blood RNA Purification Kit	50 preps
K0721	GeneJET Genomic DNA Purification Kit	50 preps
K0722		250 preps
K0791	GeneJET Plant Genomic DNA Purification Kit	50 preps
K0792		250 preps
K0781	GeneJET Whole Blood Genomic DNA Purification Kit	50 preps
K0782		250 preps
K0821	GeneJET Viral DNA/RNA Purification Kit	50 preps

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## MOLECULAR BIOLOGY RESOURCE LIBRARY

The Thermo Scientific molecular biology resource library offers a variety of technical resources to help you learn about and optimize basic molecular biology methods, including molecular cloning, PCR, nucleic acid sample preparation, and electrophoresis. This includes free webinars, short videos, technical articles, and useful Web tools.

Find useful resources for your everyday research at [thermofisher.com/molbioresources](http://thermofisher.com/molbioresources)

# High-purity agarose



## Thermo Scientific™ TopVision™ Agaroses

- Ideal for DNA and RNA gel electrophoresis
- DNase- and RNase-free
- Available in two melting point options (standard and low melting temperature)

Cat. No.	Description	Size
R0491	TopVision Agarose Powder	100 g
R0492		500 g
R0801	TopVision Low Melting Point Agarose Powder	25 g

\*Use promotion code **RMD125** and refer to the back cover for additional terms and conditions and ordering details.



# Amplify without purification



## Thermo Scientific™ Direct PCR Master Mixes

- PCR directly from crude samples – no DNA extraction or purification required
- Very short protocol times – from sample to results in 30 minutes
- Minimized pipetting due to master mix format and loading dyes already added

Cat. No.	Description	Size
F-170S	Phire™ Tissue Direct PCR Master Mix	250 x 20 µL rxns
F-170L	Phire™ Tissue Direct PCR Master Mix	1,250 x 20 µL rxns
F-160S	Phire™ Plant Direct PCR Master Mix	250 x 20 µL rxns
F-160L	Phire™ Plant Direct PCR Master Mix	1,250 x 20 µL rxns
F-175S	Phusion™ Blood Direct PCR Master Mix	100 x 20 µL rxns
F-175L	Phusion™ Blood Direct PCR Master Mix	500 x 20 µL rxns

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## DIRECT PCR TISSUE PUNCHER

The Thermo Scientific™ Tissue Puncher 0.3 mm is a convenient tool for cutting very small punch discs from materials such as animal tissue, plant leaves, or Whatman™ cards. The discs obtained are of an ideal size for direct PCR protocols.



Tissue Puncher 0.3 mm, Cat. No. F-200S

Learn more at [thermofisher.com/directpcr](http://thermofisher.com/directpcr)

# For RNA protection and DNA removal



## Thermo Scientific™ RiboLock™ RNase Inhibitor

- Efficient inhibition of eukaryotic RNases A, B, and C
- Performs under a wide range of reaction conditions

## Thermo Scientific™ RapidOut™ DNA Removal Kit

- Enables complete dsDNA and ssDNA digestion and DNase I elimination
- Eliminates the need for toxic organic extractions or RNA-damaging heating steps

Cat. No.	Description	Size
E00381	RiboLock RNase Inhibitor (40 U/µL)	2,500 U
E00382	RiboLock RNase Inhibitor (40 U/µL)	4 x 2,500 U
K2981	RapidOut DNA Removal Kit	50 rxns

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# Versatile plastic consumables for PCR and qPCR



## Thermo Scientific™ PCR plastic consumables

- Plates, strips, and seals with broad instrument compatibility
- Clean room production—certified free from DNA, RNases, and DNases

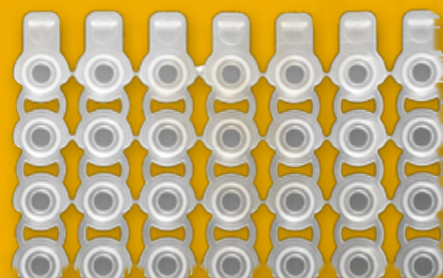
Cat. No.	Description	Quantity
AB-1815	VersiCap™ Mat, Flat Cap Strips	25 mats
AB-1820	VersiCap™ Mat, Ultra Clear Cap Strips	25 mats
AB-0600	96-Well PCR Plate, Non-Skirted	25 plates
AB-0700	96-Well, Low Profile, PCR Plate, Non-Skirted	25 plates
AB-0264	Strips of 8 Tubes	250 strips
AB-0264/W	Strips of 8 White Tubes	250 strips
AB-0771	Strips of 8 Low Profile Tubes	120 strips
AB-0771/W	Strips of 8 White Low Profile Tubes	120 strips
AB-1182	Strips of 8 Tubes and Flat Caps	250 strips
AB-1183	Strips of 8 Tubes and Ultra Clear Caps	120 strips
AB-1191	Strips of 8 White Tubes and Ultra Clear Caps	120 strips
AB-0773	Strips of 8 Low Profile Tubes and Flat Caps	120 strips
AB-1770	Strips of 8 Low Profile Tubes and Ultra Clear Caps	250 strips
AB-1771	Strips of 8 Low Profile White Tubes and Ultra Clear Caps	250 strips

\*Use promotion code **RMD140** and refer to the back cover for additional terms and conditions and ordering details.

## VERSI-CAP MATS: UNIVERSAL, EFFICIENT, AND ENVIRONMENTALLY FRIENDLY SEALING SOLUTION

VersiCap Mats are versatile seals compatible with 96-well PCR plates as well as 8-tube PCR strips. VersiCap Mats are designed so that strips of eight caps are linked to one another with small tear points. This allows easy separation of the exact number of cap strips required for an experiment, which helps to reduce plastic waste. When sealing plates, multiple cap strips can be applied at the same time, resulting in shorter PCR setup time and simplified overall workflows.

Learn more at [thermofisher.com/thermoscientificplastics](https://thermofisher.com/thermoscientificplastics)



## RNA Ladders



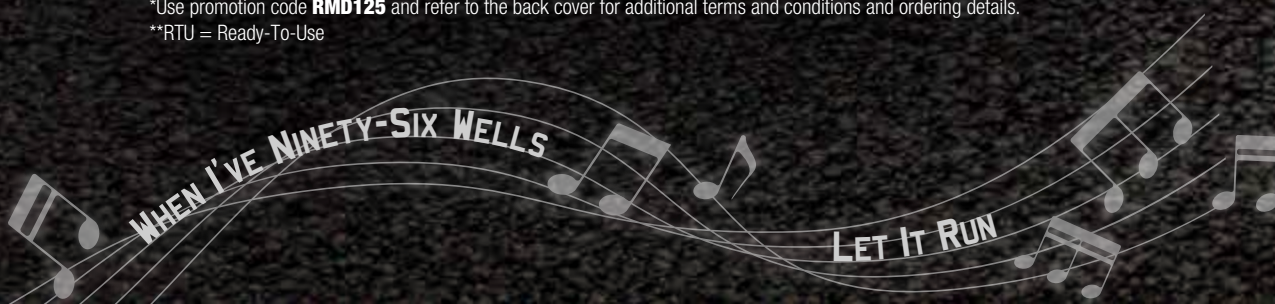
## Thermo Scientific™ RiboRuler™ RNA Ladders

- Produced from chromatography-purified RNA transcripts, free from degraded RNA or NTPs
- Designed to produce sharp bands of uniform intensity
- Allow RNA fragment sizing and in-gel quantification on native or denaturing gels

Cat. No.	Description	Range (bases)	Size
SM1831	RiboRuler Low Range RNA Ladder	100–1,000	5 x 20 µL
SM1833	RiboRuler Low Range RNA Ladder, RTU**		5 x 40 µL
SM1821	RiboRuler High Range RNA Ladder	200–6,000	5 x 20 µL
SM1823	RiboRuler High Range RNA Ladder, RTU		5 x 40 µL
R0641	RNA Gel Loading Dye (2X)		1 mL

\*Use promotion code **RMD125** and refer to the back cover for additional terms and conditions and ordering details.

\*\*RTU = Ready-To-Use



## Experience the PCR performance of your dreams



### Thermo Scientific™ DreamTaq™ DNA Polymerase

- Enhanced *Taq* DNA polymerase optimized for routine PCR amplification
- Offers higher sensitivity, yields, and target length than conventional *Taq* DNA polymerases
- Direct gel loading of PCR products with DreamTaq Green formats

Cat. No.	Description	Size
EP0702	DreamTaq DNA Polymerase	500 U
EP0703		5 x 500 U
EP0712	DreamTaq Green DNA Polymerase	500 U
EP0713		5 x 500 U
K1071	DreamTaq PCR Master Mix	200 x 50 µL rxns
K1072		1,000 x 50 µL rxns
K1081	DreamTaq Green PCR Master Mix	200 x 50 µL rxns
K1082		1,000 x 50 µL rxns

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For further information, visit [thermofisher.com/marketplace](http://thermofisher.com/marketplace)

\*Discount will apply to qualifying orders received by Thermo Fisher Scientific between January 1, 2016, and April 30, 2016, or until promotional supplies are depleted, whichever comes first. Promotion code must be presented at the time of order. Discount applies to the list price in effect at the time the order is received. Promotion cannot be combined with other discounts or promotions. Offer void where prohibited, licensed, or restricted by federal, state, provincial, or local laws or regulation or agency/institutional policy. Other restrictions may apply.

For ordering information and technical support, visit [thermofisher.com/contactus](http://thermofisher.com/contactus)

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