



# Unrivalled PCR/qPCR Solutions

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part of Thermo Fisher Scientific

# Choose Your Own PCR/qPCR Path

Find the products you need to achieve the maximum yield, sample purity, and reproducible results that are essential to accomplishing your PCR and qPCR goals with DNA or RNA.

The Fisher Scientific channel can guide you along your research path with market-leading products from the Applied Biosystems and Invitrogen brands.

Visit **[eu.fishersci.com](http://eu.fishersci.com)** to find more products and savings.

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# PCR Instruments

## Elevate Your PCR

### Which PCR instrument fits your needs?

Applied Biosystems Thermal Cyclers offer precise and consistent results with options for every challenge, application and budget. These products are built on a reputation of reliability, accuracy, and ease-of-use.

When you need:	High flexibility and throughput	Simplicity and precision	Proven reliability and precise PCR optimisation	Routine PCR, elevated	Routine PCR	Easy robotic integration
We recommend:	ProFlex PCR System	SimpliAmp Thermal Cycler	Veriti Thermal Cycler <sup>1</sup>	MiniAmp Plus Thermal Cycler	MiniAmp Thermal Cycler	Automated Thermal Cycler



Max. sample throughput	480,000 reactions	96 reactions	384 reactions	96 reactions	96 reactions	384 reactions
Max. block ramp rate	6°C/sec	4°C/sec	5°C/sec	3.5°C/sec	3°C/sec	3.5°C/sec
Block formats (temperature optimisation)	<ul style="list-style-type: none"><li>• Triple 32-well<sup>2</sup></li><li>• 96-well<sup>3</sup></li><li>• Dual 96-well</li><li>• Dual flat block</li><li>• Dual 384-well</li></ul>	<ul style="list-style-type: none"><li>• 96-well<sup>4</sup></li></ul>	<ul style="list-style-type: none"><li>• 96-well<sup>3</sup></li><li>• Fast 96-well</li><li>• 384-well</li><li>• 60-well</li></ul>	<ul style="list-style-type: none"><li>• 96-well<sup>4</sup></li></ul>	<ul style="list-style-type: none"><li>• 96-well</li></ul>	<ul style="list-style-type: none"><li>• 96-well<sup>5</sup></li><li>• 384-well</li></ul>


<sup>1</sup> Also available as an FDA Class 1/CE-IVD labelled device.

<sup>2</sup> 2-zone VeriFlex Block

<sup>3</sup> 6-zone VeriFlex Block

<sup>4</sup> 3-zone VeriFlex Block

<sup>5</sup> Compatible with semi- or full-skirted plates.

 = cloud-enabled instrument

## Ultimate flexibility and throughput The ProFlex PCR System is cloud-enabled

Giving you the freedom to design and share your methods, schedule an instrument, start or stop a run, and check run status from any mobile device or desktop computer with Thermo Fisher Connect.

- Multi-user accessible—run three experiments at once
- Flexible block configuration—accepts five different block formats for optimisation and throughput
- Cloud-enabled—conveniently access your instrument anytime and from anywhere with Thermo Fisher Connect



Description	Cat. No.	Alt. No.
ProFlex 96 well PCR system	15137105	4484075
ProFlex 3 x 32 well PCR system	15147105	4484073
ProFlex Dual 96 well PCR system	15102089	4484076
ProFlex Dual flat PCR system	15182099	4484078
ProFlex Dual 384 well PCR system	15304502	4484077

## New Introducing Applied Biosystems MiniAmp Plus and MiniAmp Thermal Cyclers

New Applied Biosystems MiniAmp Thermal Cyclers provide reliability and affordability for routine PCR.

### Features include:

- Compact Design — fits in every lab space
- Remote Access — conveniently access your instrument anytime, anywhere with Thermo Fisher Connect
- Block Options — choose between an isothermal block or a VeriFlex Block for PCR optimisation



Description	Cat. No.	Alt. No.
Applied Biosystems MiniAmp Plus Thermal Cycler	15866152	A37835
Applied Biosystems MiniAmp Thermal Cycler	15856152	A37834

Request a Demo

See the MiniAmp Thermal Cycler in Action  
Visit [eu.fishersci.com/go/pcr-qpcr](https://eu.fishersci.com/go/pcr-qpcr) to request your free demonstration.

# PCR Plastics

## Find Your PCR Plastic with the Best Fit

Find the Applied Biosystems PCR Plastics with the format and features that best fit your application.

Use	Small-Scale Experiments	Routine Experiments	Automation	Laboratory Use
Formats	Tubes, Tube Strips, Cap Strips, Adhesive Films	MicroAmp, Optical Microplates	MicroAmp, EnduraPlate Optical Microplates	MicroAmp, EnduraPlate Optical, GPLE, Microplates
	<ul style="list-style-type: none"><li>• Single tubes</li><li>• Single tubes with caps</li><li>• 8-tube strip with attached caps</li><li>• 12-strip tubes</li><li>• Adhesive film</li></ul>	<ul style="list-style-type: none"><li>• 32-well</li><li>• 48-well Fast</li><li>• 96-well</li><li>• 96-well Fast</li><li>• 384-well</li></ul>	<ul style="list-style-type: none"><li>• 96-well</li><li>• 96-well Fast</li><li>• 384-well</li></ul>	<ul style="list-style-type: none"><li>• 96-well</li><li>• 96-well Fast</li><li>• 384-well</li></ul>
DNA/RNase/PCR Inhibitor-Free	Yes			
ANSI:SBS Standard Dimension Colours	Clear or mixed packs containing red, orange, blue and green	Clear	Single-colour packs (red, blue, green, yellow or clear) and 5-plate sampler (1 of each)	Clear
Instrument Compatibility	Download the plastics compatibility chart for Applied Biosystems at <a href="https://eu.fishersci.com/go/pcr-qpcr">eu.fishersci.com/go/pcr-qpcr</a>			
Barcode	No	Yes (1 or 2 sides)	Yes (3 sides)	Yes (3 sides)
Multiple Applications	No		Yes	
Optical Compatibility	Yes (applicable for optical version)		Yes	
Use	Research use only			For laboratory use*

\* Lot-based contamination test with certificate of analysis

## Ultimate flexibility. Ultimate precision.

Reduce the cost and waste of PCR disposables by using one plate with two formats. Applied Biosystems MicroAmp TriFlex 3 x 32-Well PCR Reaction Plates and pre-cut MicroAmp 32-Well Clear Adhesive Film are made with three identical 32-well polypropylene PCR plates connected by dual-side tabs — just tear off what you need.

Features include:

- Easy-to-tear dual-side tabs for simple plate separation
- Alphanumeric labelling on each plate segment for easy well identification
- Evaporation-free plate sealing with MicroAmp 32-Well Clear Adhesive Film

Description	Size	Cat. No.	Alt. No.
MicroAmp TriFlex 3 x 32-Well PCR Reaction Plates	5 Plates/Pack	15818561	A32810
MicroAmp TriFlex 3 x 32-Well PCR Reaction Plates	20 Plates/Pack	15835066	A32811
MicroAmp 32-Well Clear Adhesive Film	100 Films/Pack	15845066	A32812

Find the plastics and accessories you need for your instrument.



			3 x 32-Well	96-Well			96-Well Fast	384-Well		Genetic analyzers			
Product	Cat. No.		ProFlex	ProFlex, SimpliAmp, Veriti, MiniAmp Plus, MiniAmp	2720	9700	Veriti	ProFlex, Veriti	9700	310	Genetic analyzers		
											3130, 3130xl, 3500, 3500xl, 3730, 3730xl		
96-Well (0.2mL) Reaction Plates													
Optical Plates	10411785	10045754		•	•	•					•		
Optical Plates with Barcode	10407314	10585867		•	•	•					•		
Plates with Barcode & Optical Caps	11557045			•	•	•							
Optical Plates with Barcode & Optical Adhesive Films	10311515			•	•	•							
EnduraPlate Optical Clear Plates with Barcode*	15273005	15263005		•	•	•					•		
TriFlex 3 x 32-Well Reaction Plates	15818561		•••	•	•	•							
96-Well (0.1mL) Reaction Plates													
Fast Optical 96-Well Plates	10670986						•			•	•		
Fast Optical Plates with Barcode, 0.1mL	12142000	10310855					•			•	•		
EnduraPlate Optical Clear Plates with Barcode*	15206343	15253015					•			•	•		
384-Well Reaction Plates													
Optical Plates	10659845							•	•		•		
Optical Plates with Barcode	10005724	10209594						•	•		•		
	10505035												
EnduraPlate Optical Clear Plates with Barcode*	15262995	15252995						•	•		•		
Strip Tubes and Caps													
Fast 8-Tube Strips, 0.1mL	10147974						•						
Optical 8-Tube Strip with Attached Optical Caps, 0.2mL	15527575		•	•	•	•							
8-Tube Strip with Attached Domed Caps, 0.2mL	15505219		•	•	•	•							
8-Tube Strips, 0.2mL*	10733087		•	•	•	•				•			
Optical 8-Tube Strips, 0.2mL	10321515		•	•	•	•							
8-Cap Strips*	10209104	10299624	•	•	•	•	•						
Optical 8-Cap Strips	10630806		•	•	•	•	•						
12-Cap Strips*	10498444	10487294		•	•	•	•						
Single Tubes													
Fast Reaction Tubes with Cap, 0.1mL	10340905	10147974					•						
Reaction Tubes with Cap, 0.2mL*	10045814	10669845	•	•	•	•							
	10249594												
Reaction Tubes without Cap, 0.2mL*	10279254	10184737	•	•	•	•							
Optical Tubes without Cap, 0.2mL	10128024		•	•	•	•							
Seals and Covers													
Clear Adhesive Film	10595025			•	•	•	•	•	•				
Optical Adhesive Film	10567414	10299204		•		•	•	•	•				
Full 96-Well Plate Covers	10732897				•	•							
Clear 32-Well Plate Adhesive Film			•••	•	•	•							
Accessories													
Splash-Free 96-Well Base	10659655			•	•	•	•						
96-Well Support Base	10157444			•	•	•	•				•		
96-Well Base	10229594			•	•	•							
96-Well Reaction Tube/Tray/Retainer Set, 0.2mL	10620616	10016104			•	•							

\* Multiple colours are available.

\*\* Do not use MicroAmp 3 x 32-Well Retainer.

**Note:** If you are using only one or two 8-tube strips/caps, add empty tube strips to balance the pressure of the lid against block, or use the MicroAmp 96-Well Tray/Retainer Set (Cat. No. 10764617) for the bottom part of the tray only. For use with 96-well block of Applied Biosystems ProFlex, SimpliAmp and Veriti, MiniAmp Plus and MiniAmp Thermal Cyclers.

# PCR Enzymes

## Invitrogen Platinum SuperFi DNA Polymerase

### Ultimate Accuracy and Robustness

High-fidelity Invitrogen Platinum SuperFi DNA Polymerase is ideal for cloning, mutagenesis, long PCR, and other applications that benefit from superior sequence accuracy.

- Exceptional fidelity — more than 100x more accurate than *Taq* polymerase
- Robust and versatile — ideal for difficult targets (long amplicons, suboptimal purity, GC-rich amplicons)
- Platinum hot-start technology — provides superior specificity, sensitivity and yields with room-temperature setup



Description	Size	Cat. No.	Alt. No.
Platinum SuperFi DNA Polymerase	100 Units	15525033	12-351-010
Platinum SuperFi Green DNA Polymerase	100 Units	15585033	12-357-010
Platinum SuperFi PCR Master Mix	100 Reactions	15525043	12-358-010
Platinum SuperFi Green PCR Master Mix	100 Reactions	15565043	12-359-010

## Invitrogen *Taq* PCR Enzymes for Standard PCR Applications

Great for genotyping, colony PCR, and routine PCR applications.

Description	Size	Cat. No.	Alt. No.
<i>Taq</i> DNA Polymerase, Recombinant	500 Units	10033382	10-342-020
<i>Taq</i> DNA Polymerase, Native	500 Units	10174512	18-038-042

New

## Invitrogen Platinum II Hot Start DNA Polymerase

Invitrogen Platinum II *Taq* Hot-Start DNA Polymerase is designed for universal primer annealing and fast, easy PCR with its unique combination of innovative buffer, high-performance *Taq*, and leading hot-start technology.

### Features include:

- Engineered *Taq* — confers fast cycling and resistance to common inhibitors
- Innovative buffer — enables universal primer annealing protocol by isostabilizing primer-template duplex structures
- Platinum hot-start technology — enables superior specificity, sensitivity and yields, as well as room-temperature setup



Description	Size	Cat. No.	Alt. No.
Platinum II <i>Taq</i> Hot-Start DNA Polymerase	100 Units	15826325	14-966-001
Platinum II Hot-Start PCR Master Mix (2X)	50 Reactions	15889844	14-000-012
Platinum II Hot-Start Green PCR Master Mix (2X)	50 Reactions	15815066	14-001-012

# Reverse Transcription

## Superior cDNA Synthesis SuperScript IV Reverse Transcriptase: The Best SuperScript Transcriptase Yet

Designed to deliver superior performance with the most challenging samples, Invitrogen SuperScript IV Reverse Transcriptases are engineered to provide higher performance than other RT enzymes.

- Super efficient — up to 100x higher cDNA yields than with other RT enzymes
- Super sensitive — transcribes from degraded or inhibitor-containing RNA or low input amounts
- Super robust — high thermostability and processivity
- Super fast — 10-minute cDNA synthesis protocol



Use the selection guide below to find the best SuperScript IV format for your research needs.

Would you like to have ...	... the ability to optimise reaction components and conditions?	... a complete kit with all cDNA synthesis reaction components?	... ultimate convenience and minimal pipetting steps for RT-PCR?
Product Type	Stand-Alone Enzyme	First-Strand cDNA Synthesis Kit	One-Step RT-PCR Kit
Recommended Product	SuperScript IV Reverse Transcriptase	SuperScript IV First-Strand Synthesis System	SuperScript IV One-Step RT-PCR System
Applications	RT-PCR, RT-qPCR, sequence detection, gene expression analysis, transcript variant detection, cloning, cDNA library construction, RACE, RNA-Seq	RT-PCR, RT-qPCR, sequence detection, gene expression analysis, transcript variant detection, cloning, cDNA library construction, RACE, RNA-Seq	RT-PCR, sequence detection, cloning, genotyping, high-throughput analysis
Input Total RNA	1pg to 5μg	1pg to 5μg	0.01pg to 1μg
Optimal Reaction Temperature	50° to 55°C	50° to 55°C	50° to 55°C
Reaction time	10 minutes	10 minutes	10 minutes
cDNA Synthesis with Challenging or Degraded DNA	Yes	Yes	Yes

Description	Size	Cat. No.	Alt. No.
SuperScript IV Reverse Transcriptase	2,000 Units	15387686	18-090-010
	10,000 Units	15307696	18-090-050
	4 x 10,000 Units	15317696	18-090-200
SuperScript IV First-Strand Synthesis System	50 Reactions	15327696	18-091-050
	200 Reactions	15337696	18-091-200
SuperScript IV One-Step RT PCR System	25 Reactions	15814182	12-594-025
	100 Reactions	15781999	12-594-100
SuperScript IV One-Step RT PCR Systems with ezDNase Enzyme	50 Reactions	15895891	12-595-025
	500 Reactions	15850233	12-595-100

# PCR Essentials

Find the essentials you need for reliable PCR.

## Oligonucleotides

Invitrogen Custom DNA Oligos offer the flexibility and affordability you need for successful PCR. Take advantage of our more than 20 years of customer service experience and use our simple primer design interface to create your oligos.

- Purity options include desalted, cartridge, HPLC, and PAGE
- Scale includes 25, 50, and 200nmol, 1 and 10µmol
- Quick next-day delivery available\*
- Affordable pricing

Visit [www.eu.fishersci.com/go/assaytool](http://www.eu.fishersci.com/go/assaytool) to order now.

*\*Depending on country.*

## dNTPs

Invitrogen dNTPs have been extensively tested to meet the most sensitive, stringent PCR requirements.

- Available in ready-to-use concentrations for a variety of reaction volumes and applications
- Great for nearly any application, including sensitive techniques such as next-generation sequencing or RT-PCR

Visit [www.eu.fishersci.com](http://www.eu.fishersci.com) to learn more about Invitrogen dNTP offerings.

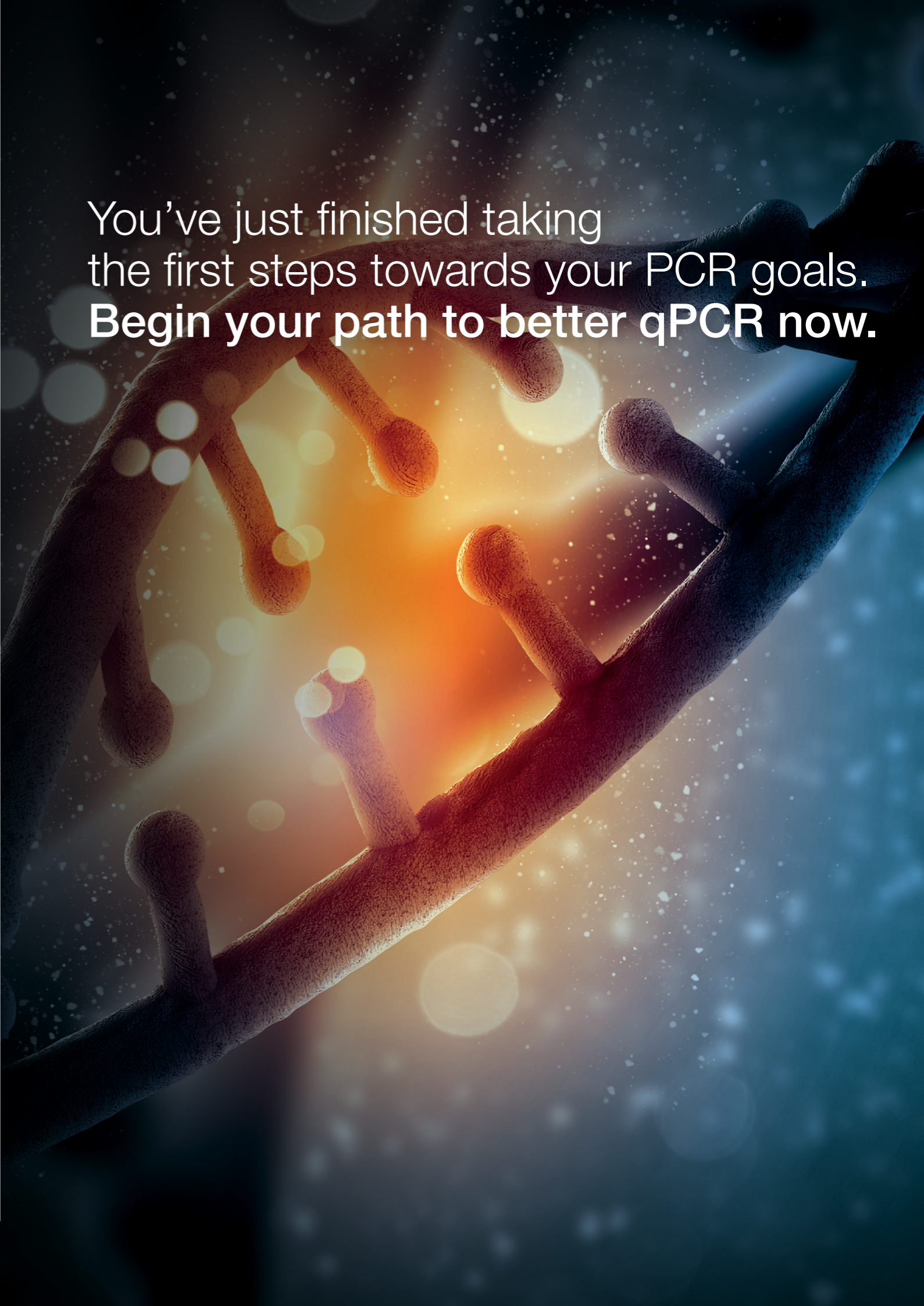
## PCR/qPCR Water

Invitrogen UltraPure Water (RNase and DNase-free) is produced with molecular biology applications in mind.



Description	Size	Cat. No.	Alt. No.
UltraPure DNase/RNase-Free Distilled Water	500mL	15657708	10-977-015
	10 x 500mL	15667708	10-977-023

You've just finished taking the first steps towards your PCR goals. **Begin your path to better qPCR now.**



# qPCR Reagents

## Applied Biosystems PowerUp SYBR Green Master Mixes

Applied Biosystems PowerUp SYBR Green Master Mix is a pre-formulated, optimised, universal 2X master mix for real-time PCR workflows. Coupled with user-supplied primer sets and templates, PowerUp SYBR Green Master Mix is designed to amplify targets for accurate gene expression analysis.

Features include:

- A dual hot-start mechanism for excellent specificity
- Highly reproducible Ct results over a broad dynamic range
- Formulated with UNG/dUTP to prevent contamination of carryover PCR products
- Stable at room temperature for 72 hours after plates are prepared for qPCR
- Compatibility with most real-time qPCR instruments



Description	Size	Cat. No.	Alt. No.
Power Up SYBR Green Master Mix	1mL	15320929	A25741
Power Up SYBR Green Master Mix	5mL	15350929	A25742
Power Up SYBR Green Master Mix	50mL	15360929	A25743
Power Up SYBR Green Master Mix	2 x 5mL	15380929	A25776
Power Up SYBR Green Master Mix	5 x 5mL	15390929	A25777
Power Up SYBR Green Master Mix	10 x 5mL	15310939	A25778
Power Up SYBR Green Master Mix	2 x 1mL	15366158	A25779
Power Up SYBR Green Master Mix	5 x 1mL	15330939	A25780
Power Up SYBR Green Master Mix	10 x 1mL	15340939	A25918

## Applied Biosystems TaqMan Fast Advanced Master Mix

Applied Biosystems TaqMan Fast Advanced Master Mix delivers shorter run times (<40 minutes) while maintaining superior sensitivity, accuracy and linear dynamic range.

Features include:

- Sensitive and accurate performance over a wide dynamic range
- Stable at room temperature for 72 hours after plates are prepared for qPCR
- Optimised for gene expression analysis in single and multiplex
- Reduced run times (<40 minutes) in fast mode — without compromising performance
- Validated for use with TaqMan Gene Expression Assays and TaqMan Array Plates (see next page)



## Applied Biosystems TaqPath ProAmp Master Mix

Applied Biosystems TaqPath ProAmp Master Mix is optimised for SNP genotyping and copy number variation protocols requiring accurate results — even in the presence of PCR inhibitors.

Features include:

- Exceptional data quality — high specificity, dynamic range, and reproducibility
- PCR Inhibitor tolerance — compatible with samples from human or animal sources (buccal swabs, blood, and card punches)
- Benchtop stability — store reaction plates for up to 72 hours at room temperature
- Multiplexing breadth — two formulations to detect up to four targets
- Consistency — manufactured in an ISO 13485-certified facility



Description	Size	Cat. No.	Alt. No.
TaqMan Fast Advanced Master Mix	2 x 5mL	12634225	44-449-63
TaqMan Fast Advanced Master Mix	5 x 5mL	13438456	44-449-64
TaqPath ProAmp Master Mix	1 x 10mL	15682799	A30866
TaqPath ProAmp Master Mix	1 x 50mL	15692799	A30867

# qPCR Assay Solutions

All-Inclusive Assays for Outstanding Results

## TaqMan Gene Expression Assays

Applied Biosystems TaqMan Assays are sensitive, specific, and easy to use. Each assay includes your target primers and a sequence-specific probe optimised for the best functional assay performance. No additional design, optimisation, or melt analysis is needed.

Description	Size	Cat. No.	Alt. No.
TaqMan Inventoried Assay, XS	75 Reactions	11967021	44-488-92
TaqMan Inventoried Assay	250 Reactions	10794597	43-311-82
TaqMan Made-to-Order Assay	360 Reactions	10330545	43-513-72
TaqMan Custom Gene Expression Assay	360 Reactions	15399745	43-313-48

## Online Ordering Made Easy

Custom doesn't have to be complicated. Try our online tools for TaqMan pre-designed Gene Expression Assays and TaqMan Custom Gene Expression and SNP Genotyping Assays.

To get started:

Visit [www.eu.fishersci.com/go/assaytool](http://www.eu.fishersci.com/go/assaytool) and follow the instructions to access the tool.

\*Depending on country.



## TaqMan Array Plates

Applied Biosystems TaqMan Array Plates contain preselected TaqMan Gene Expression Assays and endogenous controls in 96-well fast and standard formats for the study of specific pathways, biomarkers, or disease states. Choose from hundreds of pre-designed plates.

Description	Cat. No.	Alt. No.
Human Cell Surface Markers, Fast	10514815	44-187-54
Human Cellular Apoptosis Pathway, Fast	10480715	44-187-62
Human Chemokines, Standard	10722127	44-140-84
Human DNA Repair Mechanism, Standard	10370885	44-141-28
Human Drug Transporters, Fast	10450735	44-187-63
Human Endogenous Control Plate, Standard	10156854	43-968-40
Human Endogenous Control Plate, Fast	10167204	44-267-00
Human Extracellular Matrix and Adhesion Molecules, Fast	10106774	44-187-78
Human Immune Response, Standard	10596745	44-140-73
Human Inflammation, Standard	10658495	44-140-74
Human Inflammation, Fast	10595205	44-187-19
Human Neurotransmitter, Standard	10320905	44-140-94
Human Osteogenesis, Standard	10611196	44-140-96
Human PDGF Pathway, Fast	10166804	44-188-16
Human Stem Cell Pluripotency, Fast	10742307	44-187-22
Human Tumor Metastasis, Fast	10035624	44-187-43
Human WNT Pathway, Fast	10045624	44-187-45
Mouse Endogenous Control Plate, Standard	10669835	44-267-01
Mouse Immune Response, Standard	10505605	44-140-79
Mouse Immune Response, Fast	10713847	44-187-24

Visit [www.eu.fishersci.com/go/assaytool](http://www.eu.fishersci.com/go/assaytool)



# Real-Time PCR (qPCR) Instruments

With trusted Applied Biosystems Real-Time PCR Systems, you'll find everything you need to achieve qPCR success.

## Applied Biosystems QuantStudio Real-Time PCR Instruments

### Take Your Work to the Next Level

The Applied Biosystems QuantStudio Real-Time PCR portfolio offers solutions for everyone. Whether you're looking for versatility on a budget, reliable results from limited samples, high throughput for maximum productivity, or absolute answers that take your work to the next level, there's a QuantStudio System that's right for your research.

Contact your local Fisher Scientific sales representative for more information



New

## Endless Possibilities with Cloud Connectivity


The Applied Biosystems QuantStudio 3 and 5 Real-Time PCR Systems let you remotely monitor your runs and easily access and securely share your results with colleagues anywhere through the Thermo Fisher Cloud. With shareable data always in reach, the answers shaping the future of science are never far away.



QuantStudio 3 System	QuantStudio 5 System	QuantStudio 6 Flex System	QuantStudio 7 Flex System	QuantStudio 12K Flex System
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Colours	4 colours	5 or 6 colours (21 filter combinations)	5 colours	6 colours (21 filter combinations)	6 colours (21 filter combinations)
Available formats	96 well (0.2mL block) 96 well Fast (0.1mL block)	96 well (0.2mL block) 96 well Fast (0.1mL block) 384 well	96 well 96 well Fast 384 well	96 well 96 well Fast 384 well TaqMan Array card (384 well microfluidic card)	96 well 96 well Fast 384 well TaqMan Array card (384 well microfluidic card) OpenArray plates (3,072 through-holes)
Block change	Fixed	Fixed	Block change from front in less than 1 minute, no tools required		
VeriFlex temperature control	3 zones	6 zones (96 well blocks only)	N/A		
Automation-compatible	No	No	No	Yes	Yes
Throughput	Medium	Medium	Medium	High	Very high
21 CFR Part 11- enablement	Security	Security, auditing, e-signature package	Optional security, auditing, e-signature packages available		
Touch screen	Yes, interactive	Yes, interactive	Yes	Yes	Yes
Key applications	<ul style="list-style-type: none"><li>• Gene expression</li><li>• miRNA profiling</li><li>• SNP genotyping</li><li>• Copy number variation</li><li>• Protein thermal shift</li><li>• High resolution melt</li><li>• Pathogen detection</li></ul>	<ul style="list-style-type: none"><li>• Gene expression</li><li>• miRNA profiling</li><li>• SNP genotyping</li><li>• Copy number variation</li><li>• Protein thermal shift</li><li>• High resolution melt</li><li>• Pathogen detection</li></ul>	<ul style="list-style-type: none"><li>• Gene expression</li><li>• miRNA profiling</li><li>• SNP genotyping</li><li>• Copy number variation</li><li>• Protein thermal shift</li><li>• High resolution melt</li><li>• Pathogen detection</li></ul>	<ul style="list-style-type: none"><li>• Gene expression</li><li>• miRNA profiling</li><li>• SNP genotyping</li><li>• Copy number variation</li><li>• Protein thermal shift</li><li>• High resolution melt</li><li>• Pathogen detection</li><li>• Pharmacogenomics</li></ul>	<ul style="list-style-type: none"><li>• Gene expression</li><li>• miRNA profiling</li><li>• SNP genotyping</li><li>• Copy number variation</li><li>• Protein thermal shift</li><li>• High resolution melt</li><li>• Pathogen detection</li><li>• Pharmacogenomics</li><li>• Growing menu of qualified solutions</li></ul>

 = cloud-enabled instrument

# Applied Biosystems qPCR Plastics

## Reliable Plastic with Less Hassle

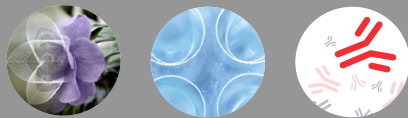
Applied Biosystems provides qPCR plastics for a range of RT-PCR applications. Use the quick-guide chart to find the right plastic for your Applied Biosystems instrument.

## MicroAmp Plastic Consumables Compatibility Chart for Applied Biosystems Real-Time PCR Systems

Product	Alt. No.	48-Well		96-Well		96-Well Fast			384-Well		
		StepOne		7000	7300, 7500	QuantStudio, ViiA7, 7900HT	StepOne Plus	7500	QuantStudio, ViiA 7, 7900HT	QuantStudio, ViiA 7, 7900HT	
96-Well 0.2mL Plates											
Optical Plates	10411785	10045754		•	•	•					
Optical Plates with Barcode	10407314	10585867		•	•	•					
Optical Plates with Barcode & Optical Caps		11557045		•	•	•					
Optical Plates with Barcode & Optical Adhesive Films	10311515			•	•	•					
EnduraPlate Optical Clear Plates with Barcode*	15273005	15263005			•**	•					
96-Well 0.1mL Plates											
Fast Optical Plates, 0.1mL	10670986						•	•	•		
Fast Optical Plates with Barcode, 0.1mL		10310855					•	•	•		
EnduraPlate Optical Fast Clear Plates with Barcode*	15206343	15253015					•	•	•		
384-Well Plates											
Optical Well Plates	10659845									•	
Optical Well Plates with Barcode	10005724	10209594	10505035							•	
EnduraPlate Optical Clear Plates with Barcode*	15262995	15252995								•	
48-Well Plates											
Fast Optical Well Plates	10167874		•								
Strip Tubes and Caps											
Fast 8-Tube Strip, 0.1mL	10147974		•				•	•			
Optical 8-Tube Strip with Attached Optical Caps, 0.2mL		15527575		•	•	•					
Optical 8-Tube Strip, 0.2mL	10321515			•	•	•					
Optical 8-Cap Strip	10630806		•	•	•	•	•	•			
Single Tubes and Caps											
Fast Reaction Tube with Cap, 0.1mL	10340905		•				•				
Optical Tube without Cap, 0.2mL	10128024			•	•						
Seals and Covers											
Optical Adhesive Film	10567414	10299204		•	•	•	•	•	•	•	
48-Well Optical Adhesive Film	10488444		•								
Reaction Trays											
96-Well Tray/Retainer Set	10299584			•							
Fast 48-Well Tray	10640996		•								
96-Well Tray for VeriFlex Blocks	10361235						•				
Accessories											
Splash-Free 96-Well Base — 10 Bases	10659655			•	•	•	•	•	•		
96-Well Support Base — 10 Bases	10157444			•	•	•	•	•	•		
96-Well Base	10229594			•	•	•	•	•	•		

\*Multiple colours are available. \*\* Requires use of proper adapter: Cat. No. 15837946

# qPCR Assays, Antibodies, RNAi Oligos and Custom Oligos



## The tool includes products renowned for their reliability and performance and proven to make a difference to your research

### Applied Biosystems™ Predesigned TaqMan® Assays

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1. Select your experiment

2. Select your product type

3. Select you species

4. Enter your target information

What type of experiment are you conducting?

Gene Expression

SNP Genotyping

Copy Number

siRNA

MicroRNA

Mutation Detection

Antibodies

Engineered Cell Models

What type of assay do you want?

All Gene Expression Assays

Noncoding RNA Only

Markers & Reporters

Controls

Fusion

Microbe Detection

What species do you want to target? (Select one or more)

[Hs] Human

[Mm] Mouse

[Rn] Rat

More (31)

All

Enter target information ?

e.g., Gene Symbol, Array Probe ID, Assay ID...

Enter / Upload Multiple Targets

5. Select your product and click to buy

You've just finished taking  
the path to your PCR/qPCR goals.

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