

# Eppendorf Advantage

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Advance your research through insights, solutions, optimal outcomes, and special offers.

CANADA JAN. 1 – JUN. 30, 2024

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## WHAT'S IN A NAME?

**Advantage means putting you in a better position, and that's exactly what we want for you.**

The work you do is more important now than ever before, and the samples you produce more precious. You have been able to rely on Eppendorf to help deliver accurate, reliable results, but we want to be more than your provider of consumables, instruments, and services.

We are also here to be your partner and resource center. Our bi-annual publication includes articles and promotional offers.

We hope to help give you the Advantage to succeed in the lab!

# Future Perspectives on Cell and Gene Therapy (CGT)

Scientists are constantly researching innovative ways to modulate the power of our cells to combat cancer and other conditions, and approaches to reverse genetic disorders. The number of approved CGTs is likely to skyrocket in 2024<sup>1</sup>. The development of any cell or gene therapy comes with challenges. In this article we quickly discuss some of them.

## CHALLENGE 1: (GENE THERAPY) TARGETED *IN VIVO* DELIVERY

Adeno-associated Virus (AAV) is the system of choice for *in vivo* gene delivery due to its tropism to certain tissues. However, systemic delivery to other tissues has proven to be challenging. The need for higher titers to reach certain tissues exacerbates the AAV's immunogenicity triggering the patient's immune response thus lowering the treatment efficiency.

A promising gene delivery alternative to AAVs is the exosomes, a subset of extracellular vesicles secreted by most human cells. They have low toxicity and immunogenicity. Nevertheless, due to their small size, the efficiency of packaging large DNA through exosomes is very low. The use of antisense oligonucleotides (ASOs), small plasmids, or engineering-modified exosomes are used to overcome the problem (Zhang et al.; 2022).

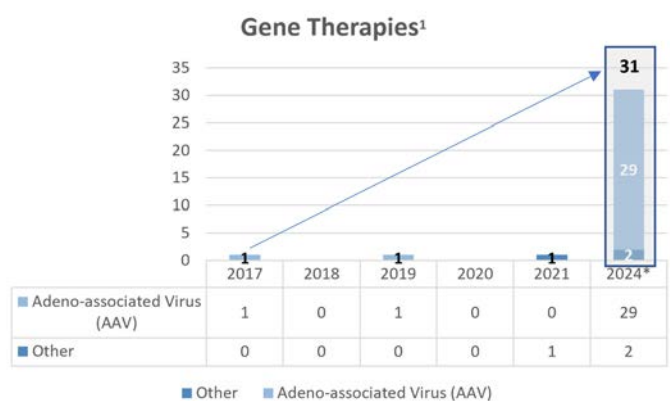
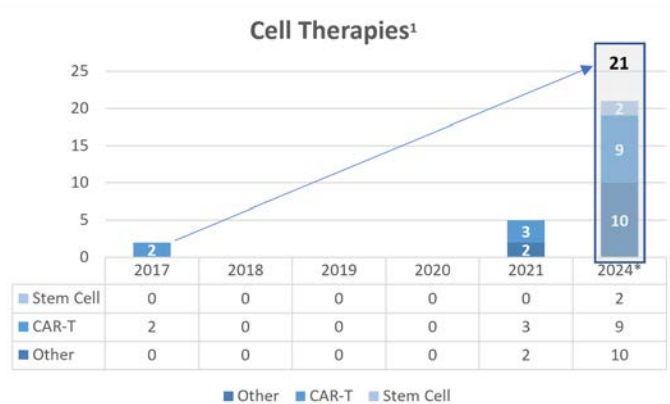
## CHALLENGE 2: (CELL THERAPY) *IN VITRO* vs *IN VIVO* CELL ENGINEERING

Most cell therapies require one and often multiple rounds of *in vitro* gene editing to generate cells that can recognize and kill "sick" cells. The process of genetically modifying cells, multiplying them, and properly storing and transporting them to the patient site introduces many bottlenecks.

Researchers are working towards *in vivo* cell therapy. If the transition from *in vitro* engineering to *in vivo* cell reprogramming is achieved, many of the manufacturing/supply chain and commercial challenges associated with current therapies will no longer exist.

The future holds exciting possibilities for the field, with the potential to provide new hope for patients with previously untreatable or challenging-to-treat conditions. Eppendorf is committed to improve human living conditions by supporting scientists to overcome some of these challenges.

## Past and Projected Launches in the United States



<sup>1</sup>A database of the therapies referenced can be found at "Approved cellular and gene therapy products", US Food and Drug Administration.

Source: Evaluate Pharma August 2022 data, Evaluate Ltd.; US Food and Drug Administration; McKinsey analysis (link)

\*McKinsey analysis based on the pipeline of products in Phase III clinical trials (not yet FDA approved)





## Preserving Cell Culture Excellence

Eppendorf Centrifuge 5910 Ri ensures cell culture integrity with gentle centrifugation and precise controls. Elevate your research with trusted precision.

### WHY YOU WILL LOVE IT

- ▶ **Gentle Cell Handling:** Minimize cell damage with smooth acceleration and deceleration.
- ▶ **High-Speed Productivity:** Process multiple samples simultaneously, saving time and increasing efficiency.
- ▶ **Intuitive Touch Controls:** Easily program and operate with a user-friendly touch screen interface.
- ▶ **Precise Cooling:** Ensure samples stay at the desired temperature for temperature-sensitive cultures.
- ▶ **Flexible Rotor Options:** Accommodate various cell culture vessels for maximum research flexibility.
- ▶ **Reliable Performance:** Trust in consistent accuracy, reducing the need for frequent maintenance.
- ▶ **Quiet Lab Environment:** Minimal noise for distraction-free operation during experiments.
- ▶ **Enhanced Safety Features:** Lid locking and imbalance detection for user and sample protection.
- ▶ **Effortless Data Management:** Simplify documentation with an integrated data management system for traceability.



**SAVE TODAY**



Save up to 25% on Eppendorf Centrifuge 5910 Ri Cell Culture Bundle

- ▶ **\$21,999** – Cat No. 2231001018 – Centrifuge 5910 Ri with touch interface, refrigerated, 120 V/50-60 Hz, with Rotor S-4x Universal buckets (two adapters for 17 conical tubes 15 mL, 16 Eppendorf Tubes 5 mL, or one microplate Eppendorf Tubes 5.0 mL; two adapters for seven conical tubes 50 mL, one bottle 250 mL, or one microplate 50 mL conical), and two aerosol tight caps



**DID YOU KNOW?**

Eppendorf offers preventive maintenance services and service agreement options for consistent instrument performance and confidence in safety.

Choose a service that works best for you...and ensure your samples spin safely.

<https://www.eppendorf.com/us-en/service-support/services-by-product-groups/centrifuge-and-rotor-service/>



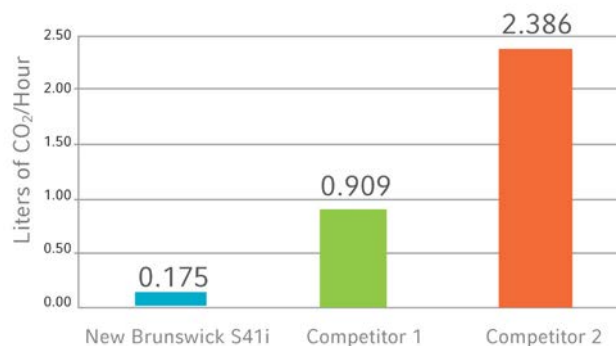
## High Protein Yields, Low Carbon Footprint

The New Brunswick S41i - CO<sub>2</sub> Incubator Shaker is what you need to express your protein in mammalian cells while reducing CO<sub>2</sub> usage to a minimum.

### WHY YOU WILL LOVE IT

- ▶ High-Temperature Disinfection (4 h at 120 °C) Standard
- ▶ Save CO<sub>2</sub> and provides an optimal growing atmosphere
- ▶ Stable, uniform, and vibration-free shaking: robust Innova triple-eccentric drive
- ▶ Experimental flexibility: Perforated shelf allows for static incubation at the same time as shaking

### Comparison of CO<sub>2</sub> Consumption



### DID YOU KNOW?

Due to the superior "green" engineering and advanced control of critical parameters, the New Brunswick S41i demonstrate up to 10 times lower gas consumption.

Check the data here:  
<https://eppendorf.group/g2szej>



### SAVE TODAY



Save 15% on the purchase of the New Brunswick CO<sub>2</sub> incubator shaker with a universal platform included!

- ▶ **\$28,250** – Cat. No 2231001049 - New Brunswick S41i CO<sub>2</sub> incubator shaker, 170 L, orbit 2.5 cm (1 in), 120 V/50/60 Hz. Universal Platform included.



## Hypoxia or Not, Contamination is Always Out

No matter if you need O<sub>2</sub> control or not, contamination prevention with the CellXpert CO<sub>2</sub> incubator follows a simple concept: If it's easy to do, it's more likely to get done.

### WHY YOU WILL LOVE IT

- ▶ Fanless design and minimal internal parts that can be removed in 40 s and wiped quickly
- ▶ Nowhere to hide for contaminants: Smooth, seamless incubator chamber
- ▶ 180 °C High Temperature Disinfection
- ▶ If you buy one CellXpert C170i with O<sub>2</sub> control, we'll ship you free copper shelves and a copper water tray for additional contamination protection



### DID YOU KNOW?

Copper-enriched stainless steel, which is commonly used in some CO<sub>2</sub> incubators, does not show significant anti-microbial effectiveness compared with pure copper.

Check the data here:  
<https://eppendorf.group/trndle>



SAVE TODAY



Save up to 16% when you buy a double-stack of the CellXpert® C170i.

- ▶ \$27,599 – Cat. No 2231001050 – 2x CellXpert® C170i non-segmented inner door, handle right side, 100–127 V/50–60 Hz; full stacking kit included
- ▶ \$27,599 – Cat. No 2231001051 – 2x CellXpert® C170i non-segmented inner door, handle left side, 100–127 V/50–60 Hz; full stacking kit included

Buy one CellXpert® C170i with O<sub>2</sub> control and get four free copper shelves and a copper water tray.

- ▶ \$23,047 – Cat. No 2231001052 – CellXpert® C170i inner door with 4 door segments, handle right side, 1–20% oxygen control, water and humidity monitoring package, 100–127 V/50–60 Hz; Included: copper water tray and 4 copper shelves
- ▶ \$23,047 – Cat. No 2231001053 – CellXpert® C170i inner door with 4 door segments, handle left side, 1–20% oxygen control, water and humidity monitoring package, 100–127 V/50–60 Hz; Included: copper water tray and 4 copper shelves



## Confidence In Your Consumables

We understand the critical role that high-quality lab consumables play in scientific research and discovery. That's why we are proud to offer a comprehensive range of premium lab consumables designed to provide you with the confidence you need in your experiments. Our products are meticulously crafted to meet the highest standards of reliability, precision, and performance, ensuring accurate and reproducible results every time.

Discover our wide range of tips, tubes, plates and sustainable consumables that are designed with your research in mind.

- ▶ Uncompromising Quality
- ▶ Reliable Performance
- ▶ Innovative Solutions

Download our **Confidence In Your Consumables** brochure:



### DID YOU KNOW?

Eppendorf Consumables are manufactured without the use of slip agents, plasticizers, and biocides — substances that have been shown to leach from plastic consumables into the sample and negatively affect bioassays.

Learn more here:  
<https://explore.eppendorf.com/consumables>



# Track Your Samples in Every Tube

Non-readable sample labels or even non-labeled tubes are a risk to reliable science. The Eppendorf SafeCode™ concept is based on ready-to-use, pre-labeled tubes and cryovial vials. The unique data matrix code positively identifies your sample and provides easy access to all required product certificates. Just scan the code and transfer the data to your downstream sample management software and database.



## DID YOU KNOW?

Sample storage goes beyond a freezer and vials. We developed Eppendorf Sample360, the first end-to-end solution for ultra-low temperature digital sample management.

Learn more at:  
<https://www.eppendorf.com/US-en/discover/eppendorf-sample360/>



## SAVE TODAY



Save 33% to protect and track all your samples with the SafeCode™ CryoStorage vials and SafeCode™ tubes.

- ▶ **\$1,349** – Cat. No 2231001021 – Eppendorf CryoStorage Vial, 0.5 mL, 960 vials (10 racks x 96 vials)
- ▶ **\$760** – Cat. No 2231001028 – Eppendorf CryoStorage Vial, Sterile, 1.5 mL, 480 vials (10 racks x 48 vials)
- ▶ **\$1,399** – Cat. No 2231001022 – Eppendorf CryoStorage Vial, 1.0 mL, 960 vials (10 racks x 96 vials)
- ▶ **\$785** – Cat. No 2231001029 – Eppendorf CryoStorage Vial, Sterile, 2.0 mL, 480 vials (10 racks x 48 vials)
- ▶ **\$749** – Cat. No 2231001023 – Eppendorf CryoStorage Vial, 1.5 mL, 480 vials (10 racks x 48 vials)
- ▶ **\$855** – Cat. No 2231001030 – Eppendorf CryoStorage Vial, Sterile, 4.0 mL, 480 vials (10 racks x 48 vials)
- ▶ **\$760** – Cat. No 2231001024 – Eppendorf CryoStorage Vial, 2.0 mL, 480 vials (10 racks x 48 vials)
- ▶ **\$175** – Cat. No 2231001031 – Eppendorf Tubes® 5 mL, SafeCode, Sterile, Screwcap, 200 tubes (2 bags x 100 tubes)
- ▶ **\$830** – Cat. No 2231001025 – Eppendorf CryoStorage Vial, 4.0 mL, 480 vials (10 racks x 48 vials)
- ▶ **\$449** – Cat. No 2231001032 – Eppendorf Conical Tubes, 15 mL, SafeCode, Sterile, 500 tubes (10 bags x 50 tubes)
- ▶ **\$1,399** – Cat. No 2231001026 – Eppendorf CryoStorage Vial, Sterile, 0.5 mL, 960 vials (10 racks x 96 vials)
- ▶ **\$505** – Cat. No 2231001033 – Eppendorf Conical Tubes, 50 mL, SafeCode, Sterile, 500 tubes (20 bags x 25 tubes)
- ▶ **\$1,459** – Cat. No 2231001027 – Eppendorf CryoStorage Vial, Sterile, 1.0 mL, 960 vials (10 racks x 96 vials)



## LH Essentials: Exclusive Savings on Liquid Handling Must-Haves

Grab the LH Essentials Bundle for a comprehensive lab upgrade with Eppendorf's best, now at special bundle pricing. Your complete lab solution awaits!



## Maximized Protection and Purity: Get Five Free epT.I.P.S.<sup>®</sup> Box 2.0 with Five ep Dualfilter T.I.P.S.<sup>®</sup> BioBased Sterile Reloads

Upgrade your lab's eco-efficiency! Each pack of ep Dualfilter T.I.P.S. BioBased comes with a complimentary epT.I.P.S. Box 2.0, perfect for neat and organized usage.



SAVE TODAY

Save over  
22%

**Essentials Package: Get 50% off Repeater<sup>®</sup> M4 and Easypet<sup>®</sup> 3 with a 4-pack Research<sup>®</sup> plus and Pipette Carousel 2 purchase.**

- ▶ **\$3,315** - Cat No. 2231001010 - Eppendorf Research<sup>®</sup> plus, single-channel 4-pack (includes: 0.1 – 2.5  $\mu$ L, 2 – 20  $\mu$ L yellow, 20 – 200  $\mu$ L, 100 – 1,000  $\mu$ L, epT.I.P.S.<sup>®</sup> Box/sample bag, Eppendorf pipette pen, Repeater<sup>®</sup> M4 starter kit\* (1  $\mu$ L – 10 mL) with Combitips<sup>®</sup> advanced, Easypet<sup>®</sup> 3 (0.1 – 100 mL) with accessories, Pipette Carousel 2, and Holder 2 for Repeater<sup>®</sup> M4).



SAVE TODAY

Save  
21%

**Get the bundle with five packs of ep Dualfilter T.I.P.S.<sup>®</sup> BioBased Sterile Reload and five free empty epT.I.P.S.<sup>®</sup> Box 2.0.**

- ▶ **\$1,295** – Cat No. 2231001011 – 5x ep Dualfilter T.I.P.S.<sup>®</sup> BioBased Reloads sterile pipette tips, PCR clean and sterile, 0.1 – 10  $\mu$ L M, 40 mm, medium gray, 4,800 tips (50 trays  $\times$  96 tips) and get 5 free empty epT.I.P.S.<sup>®</sup> Box 2.0 for epT.I.P.S.<sup>®</sup> Reloads

## Elevate Your Lab's Precision with Eppendorf Move It® Adjustable Tip-Spacing Pipettes & Get Free 96- & 384-Well twin.tec® PCR Plates

Elevate your lab's precision with Eppendorf Move It adjustable tip-spacing pipettes and receive complimentary 96- & 384-well twin.tec PCR plates for enhanced efficiency!

## Stock Up & Save: Get a Free Pack with Every Four ep Dualfilter T.I.P.S.® 384 Purchased

Buy 4 ep Dualfilter T.I.P.S. 384-packs and get 1 free! Perfect for enhancing lab precision and streamlining workflows.



SAVE TODAY

Save up to  
19%

Each bundle includes an Eppendorf Research plus Move It® with epT.I.P.S.® Box 2.0 (384 tips), 2 packs of 96-well Eppendorf twin.tec® PCR Plates (150 µL, PCR clean, colorless, 25 plates/pack), and 1 pack of 384-well twin.tec® PCR Plates (45 µL, PCR clean, colorless, 25 plates).

- ▶ **\$3,399** – Cat No. 2231001013 - Eppendorf Research® plus Move It®, 12-channel, 4.5–9 mm cone distance, 1 – 20 µL, light pink, with free PCR plates
- ▶ **\$3,399** – Cat No. 2231001055 - Eppendorf Research® plus Move It®, 12-channel, 4.5-9 mm cone distance, 5 – 100 µL, light yellow, with free PCR plates
- ▶ **\$3,174** – Cat No. 2231001056 - Eppendorf Research® plus Move It®, 8-channel, 4.5-14 mm cone distance, 1 – 20 µL, light pink with free PCR plates
- ▶ **\$3,174** – Cat No. 2231001057 - Eppendorf Research® plus Move It® 8-channel, 4.5-14 mm cone distance, 5 – 100 µL, light yellow, with free PCR plates



SAVE TODAY

Save  
20%

Buy four get one free ep Dualfilter T.I.P.S.® 384\*

- ▶ **\$4,484** – Cat No. 2231001054 - 5 packs of ep Dualfilter T.I.P.S.® 384, PCR clean and Sterile, 5 – 100 µL, 53 mm, light yellow, 19,200 tips (50 racks x 384 tips)
- ▶ **\$4,484** – Cat No. 2231001012 – 5 packs of ep Dualfilter T.I.P.S.® 384, PCR clean and Sterile, 0.1 – 20 µL, 42 mm, light pink, 19,200 tips (50 racks x 384 tips)

\* Add five to your cart to receive 20% off the order



## Advancing Biology: Quality Equipment Matters

Molecular biology delves into the structures and functions of biological molecules, like DNA, RNA, and proteins, offering crucial insights into genetic disorders, infectious disease research, and personalized medicine. This multidisciplinary field relies on a range of techniques, including PCR, NGS, nucleic acid purification and cloning. Success in this field depends on not only understanding the molecular principles but also using high-quality lab equipment for dependable results.

PCR is an essential technique in molecular biology, facilitating the amplification of DNA segments for various applications, including sequencing and gene expression analysis. Traditional thermocyclers often present challenges, such as result variability, sample evaporation, and complex programming. In NGS workflows, PCR plays a vital role in amplifying DNA segments before sequencing. A slight deviation in the replication process can lead to significant inaccuracies in sequencing results, including misidentifying genetic

variants. For precise, reproducible results and sufficient material for sequencing, choosing a high-quality thermocycler like the [Mastercycler X50](#) is crucial.

While thermocyclers are a key factor in PCR, microplates, often underestimated in their significance, also contribute significantly to molecular biology workflows, aiding in sample preparation, storage, and handling. Low-quality microplates can introduce contaminants like DNase or RNase, jeopardizing sample integrity. Standing apart from conventional microplates, Eppendorf [twin.tec PCR plates](#) uphold stringent quality and purity standards providing a reliable foundation for your results.

Every choice in selecting product solutions significantly influences the quality and trustworthiness of your results, making it imperative to invest in high-quality equipment to drive advancements in molecular biology research.



# How about homogenizing your reagents before loading them into your thermocycler?

The MixMate provides complete mixing of your samples in seconds. Outstanding 2<sup>D</sup>Mix-Control enables optimized mixing with anti-spill technology.



## WHY YOU WILL LOVE IT

- ▶ 3-in-1 mixer for plates, tubes, and vortex mixing
- ▶ Outstanding 2<sup>D</sup>Mix-Control enables optimized mixing with anti-spill technology
- ▶ Plate well rims reduce cross-contamination risk, preserving sample integrity



**SAVE TODAY**



Save 25% on MixMate®!

- ▶ \$2,555 – Cat. No 2231000804 – Eppendorf MixMate® basic device without tube holders, 110 V/50 – 60 Hz

Enjoy 4 boxes of twin.tec® plates (100 plates total) for 25% off!

- ▶ \$590 – Cat. No 2231001019 – Eppendorf twin.tec® PCR plates 96, PCR clean, skirted, 150 µL (100 plates total)
- ▶ \$627 – Cat. No 2231001020 - Eppendorf twin.tec® PCR plates 96 LoBind® skirted, 150 µL (100 plates total)



## DID YOU KNOW?

The MixMate® can be also used as a vortex!

Learn more at:

<https://eppendorf.group/vtwkt3>

# Elevate Your Biotech Research

The Eppendorf Microcentrifuge 5425 is the perfect combination of innovation, control, and reliability. Don't compromise on quality; choose the centrifuge that biotech professionals trust.

## WHY YOU WILL LOVE IT

- ▶ Precision engineering for DNA, RNA, and protein separations
- ▶ Whisper-quiet operation
- ▶ Integrated temperature control to safeguard sensitive samples
- ▶ Perfect fit for labs with limited bench spaces
- ▶ Variety of rotor options for flexible research
- ▶ Efficient Reference 2 Pipettes with single-button precision, strain-free operation, autoclavable
- ▶ Your trusted ally for reproducible research outcomes



**SAVE TODAY**



Save 25% on a Microcentrifuge 5425 and get a free 3-pack of Eppendorf Reference® 2 Pipettes

- ▶ **\$4,999** – Cat. No. 2231001017 – Microcentrifuge 5425 with knob, non-refrigerated with Rotor FA-24x2, 120 V/50 – 60 Hz; Eppendorf Reference 2, 3-pack, one channel, 0.5 – 10  $\mu$ L, 10 – 100  $\mu$ L, 100 – 1,000  $\mu$ L variable volume, includes 3x epT.I.P.S. Box 2.0 and Pipette Pen
- ▶ **\$4,999** – Cat. No. 2231001016 – Microcentrifuge 5425 with keypad, non-refrigerated with Rotor FA-24x2, 120 V/50 – 60 Hz; Eppendorf Reference 2, 3-pack, one channel, 0.5 – 10  $\mu$ L, 10 – 100  $\mu$ L, 100 – 1,000  $\mu$ L variable volume, includes 3x epT.I.P.S. Box 2.0 and Pipette Pen



## DID YOU KNOW?

Eppendorf offers preventive maintenance services and service agreement options for consistent instrument performance and confidence in safety?

**Choose a service that works best for you...and ensure your samples spin safely.**

<https://www.eppendorf.com/us-en/service-support/services-by-product-groups/centrifuge-and-rotor-service/>



# All-in-One: Mixing, Heating and Cooling

The Eppendorf ThermoMixer C combines exceptional mixing performance with optimized temperature control to ensure reproducible experiment results. In case you are using different tubes and plates, a wide range of SmartBlocks are available for the Eppendorf ThermoMixer C.

## WHY YOU WILL LOVE IT

- ▶ The promo includes a 24 x 1.5 mL tube SmartBlock
- ▶ Reliable mixing performance to the microliter scale
- ▶ Anti-spill technology prevents lid wetting and cross-contamination
- ▶ Precise temperature accuracy and uniformity
- ▶ Eppendorf QuickRelease technology for easy exchange of thermoblocks



## DID YOU KNOW?

The Eppendorf ThermoTop® heated lid with **condens.protect** technology avoids condensation and keeps the reaction conditions stable for more reproducible results (sold separately).

**Learn how to improve assay reproducibility here:**

<https://www.eppendorf.com/us-en/eShop-Products/Temperature-Control-and-Mixing/Accessories/ThermoTop-p-PF-19711>



## SAVE TODAY



Save 15% on the ThermoMixer® C with a 1.5 mL tube SmartBlock.

- ▶ \$6,549 – Cat. No 2231001005 – Eppendorf ThermoMixer® C with SmartBlock 1.5 mL for 24 x 1.5 mL tubes



# Versatility at its Best

## USING DIFFERENT TUBES AND PLATES IN YOUR EXPERIMENT WORKFLOW?

- ▶ Broad range of ThermoMixer C SmartBlocks: Tubes from 0.2 mL to 50 mL as well as plates.
- ▶ The SmartExtender is what you need to add more incubation space for 1.5 mL tubes.
- ▶ To increase reproducibility even further the ThermoTop avoids evaporation to keep the reaction conditions stable.



### DID YOU KNOW

Thawing cells is a daily job in cell culture and microbiology labs. Usually, a water bath is used for this task, but it makes sense to think about new methods and cleaner options. A clean way to thaw cell lines is to use the ThermoMixer C.

#### Learn more at:

<https://eppendorf.group/n1c61g>



**SAVE TODAY**



### Save 25% on the purchase of any SmartBlock, ThermoTop®, or SmartExtender!

- ▶ **\$985** – Cat. No 2231001034 – Eppendorf SmartBlock 0.5 mL, thermoblock for 24 x 0.5 mL tubes with Transfer Rack, 0.5 mL
- ▶ **\$985** – Cat. No 2231001035 – Eppendorf SmartBlock 1.5 mL, thermoblock for 24 x 1.5 mL tubes with Transfer Rack, 1.5/2.0 mL
- ▶ **\$985** – Cat. No 2231001036 – Eppendorf SmartBlock 2.0 mL, thermoblock for 24 x 2.0 mL tubes with Transfer Rack, 1.5/2.0 mL
- ▶ **\$985** – Cat. No 2231001038 – Eppendorf SmartBlock 12 mm thermoblock for 24 vessels, diameter up to 12 mm, height 35 mm - 76 mm
- ▶ **\$985** – Cat. No 2231001039 – Eppendorf SmartBlock 5 mL thermoblock for 8 Eppendorf Tubes® 5.0 mL
- ▶ **\$985** – Cat. No 2231001040 – Eppendorf SmartBlock 15 mL thermoblock for 8 conical tubes, 15 mL
- ▶ **\$985** – Cat. No 2231001041 – Eppendorf SmartBlock 50 mL thermoblock for 4 conical tubes, 50 mL
- ▶ **\$955** – Cat. No 2231001037 – Eppendorf SmartBlock cryo thaw thermoblock for 24 cryo tubes, 1.5 mL - 2 mL
- ▶ **\$1,290** – Cat. No 2231001042 – Eppendorf SmartBlock PCR 96 thermoblock for PCR plates 96 with lid
- ▶ **\$1,290** – Cat. No 2231001043 – Eppendorf SmartBlock PCR 384 thermoblock for PCR plates 384 with lid
- ▶ **\$1,290** – Cat. No 2231001044 – Eppendorf SmartBlock plates thermoblock for microplates and Deepwell Plates with lid
- ▶ **\$1,290** – Cat. No 2231001045 – Eppendorf SmartBlock DWP 500 thermoblock for Eppendorf Deepwell Plate 96/500 µL with lid
- ▶ **\$1,290** – Cat. No 2231001046 – Eppendorf SmartBlock DWP 1000 thermoblock for Eppendorf Deepwell Plate 96/1,000 µL with lid
- ▶ **\$1,290** – Cat. No 2231001047 – Eppendorf SmartExtender 1.5 mL
- ▶ **\$850** – Cat. No 2231001048 – ThermoTop® with condens.*protect* technology



## Next-Level PCR Performance

Maximize productivity and elevate your PCR experience with the Mastercycler X50. Discover how its user-friendly interface and advanced features enable you to achieve reliable results with greater efficiency.

### WHY YOU WILL LOVE IT

- ▶ Consistent, steady ramping for highly reproducible results
- ▶ Fast ramp rates for efficient PCR, minimizing temperature transition times
- ▶ Network connectivity of up to 10 cyclers increases throughput



SAVE TODAY



- ▶ **\$20,995** – Cat. No. 2231001014: Mastercycler® X50a, featuring a 45% discount on the Mastercycler® X50i and two complimentary boxes of twin.tec® skirted PCR plates
- ▶ **\$22,300** – Cat. No. 2231001015: Mastercycler® X50s, featuring a 45% discount on the Mastercycler® X50i, two complimentary boxes of twin.tec® LoBind® skirted PCR plates, and a box of FAST PCR Tube Strips and flat caps

### Promega Reagent Promotion - Mastercyclers

Purchase an Eppendorf Mastercycler to receive \$2,000 of free Promega Genomics Products. Contact your local rep for more information!

Offer valid January 01, 2024 - June 30, 2024



# Save on Centrifuges, CO<sub>2</sub> Incubators/Shakers, and CryoStorage Consumables

Save up to  
25%

## CENTRIFUGES

Save up to 25% on Eppendorf Centrifuge 5910 Ri Cell Culture Bundle.

- ▶ **\$21,999** 2231001018 Centrifuge 5910 Ri with touch interface, refrigerated, without rotor, 120 V/50-60 Hz, with Rotor S-4x Universal buckets (two adapters for 17 conical tubes 15 mL, 16 Eppendorf Tubes 5 mL, or one microplate Eppendorf Tubes 5.0 mL; two adapters for seven conical tubes 50 mL, one bottle 250 mL, or one microplate 50 mL conical), and two aerosol tight caps

Save  
15%

## CO<sub>2</sub> INCUBATOR SHAKERS

Get 15% off S41i CO<sub>2</sub> Incubator Shaker.

- ▶ **\$28,250** 2231001049 New Brunswick S41i CO<sub>2</sub> incubator shaker, 170 L, orbit 2.5 cm (1"), 120 V/50-60 Hz. Universal Platform included.

Save up to  
12%

## CO<sub>2</sub> INCUBATORS

Save 12% when you buy a double-stack of the CellXpert® C170i. We'll ship you free copper shelves and copper water tray when you buy one CellXpert® C170i with O<sub>2</sub> control.

- ▶ **\$27,599** 2231001050 2 x CellXpert® C170i non-segmented inner door, handle right side, 100-127 V/50-60 Hz; full stacking kit included
- ▶ **\$27,599** 2231001051 2 x CellXpert® C170i non-segmented inner door, handle left side, 100-127 V/50-60 Hz; full stacking kit included
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- ▶ **\$23,047** 2231001053 CellXpert® C170i inner door with 4 door segments, handle left side, 1-20% oxygen control, water and humidity monitoring package, 100-127 V/50-60 Hz; Included: copper water tray and 4 copper shelves

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- ▶ **\$760** 2231001024 Eppendorf CryoStorage Vial, 2.0 mL, 480 vials (10 racks x 48 vials)
- ▶ **\$830** 2231001025 Eppendorf CryoStorage Vial, 4.0 mL, 480 vials (10 racks x 48 vials)
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For more information, visit [explore.eppendorf.com/Advantage-H1.html](https://explore.eppendorf.com/Advantage-H1.html)



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**PCR Bundle: Eppendorf Research plus Move It® with epT.I.P.S.® Box 2.0 (384 tips), 2 packs of 96-well Eppendorf twin.tec® PCR Plates, and 1 pack of 384-well twin.tec® PCR Plates.**

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## PLATES

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