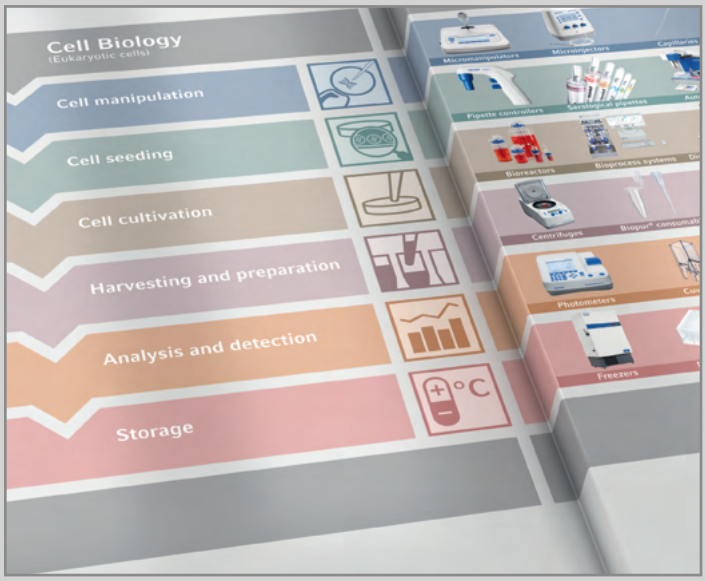
eppendorf

Selection for Omnilab

Your local distributor

OMNILAB
DAS BESTE FÜR IHR LABOR.

Accelerate Your Biologics Drug Discovery



Efficiency is just as vital to BioPharma as innovation. To get your drug to market faster, you need to increase process efficiency, remove time consuming steps and reduce downtime.

> Reliable products and services that reduce downtime and speed up processes
> Automate compliance steps with digitally connected devices
> Improve reproducibility with high quality consumables and instruments

Based on your goals of being productive and profitable, whilst staying ahead of your competition, our intelligent sustainable solutions are designed to accelerate your biologics drug discovery development.

Digitalize Your Laboratory

Compliance is a major burden in any regulated environment. Digitalization of the laboratory means data is easier to access and to create reports, supporting your need to be audit ready at all times.

Eppendorf's solution to digitalize your lab offers:

> Audit supporting device documentation
> Remote monitoring and notifications for greater sample integrity
> Maintenance scheduling and device management

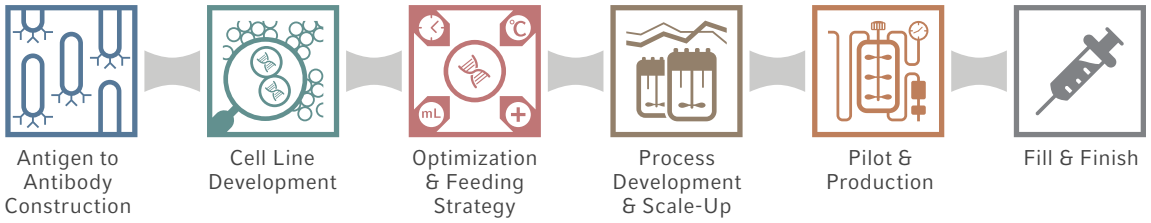
Biologics Drug Discovery Workflows

Where products in this brochure enhance your processes, they are marked with the applicable Workflow symbols. Speak to your representative for more in depth information about your requirements and how we can support you.

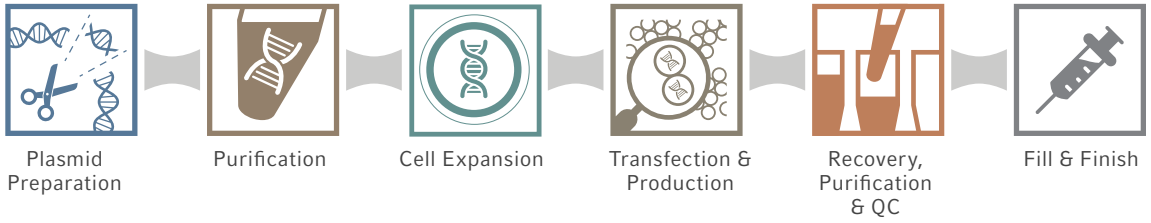
We have looked at relevant biologics drug discovery workflows and have mapped products across these processes that enable you to

> Drive in step process efficiencies without sacrificing quality
> Simplify your device compliance process
> Accelerate your time to market

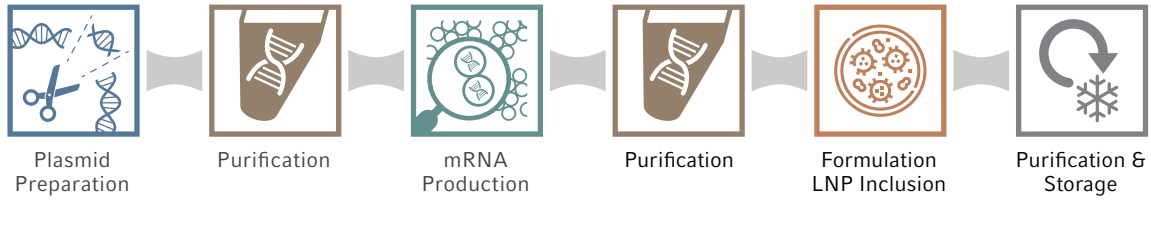
Monoclonal Antibody Workflow mAB



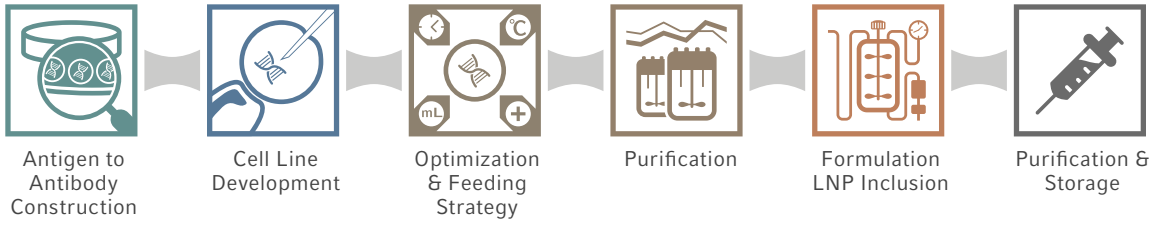
Recombinant Vaccine Workflow RV



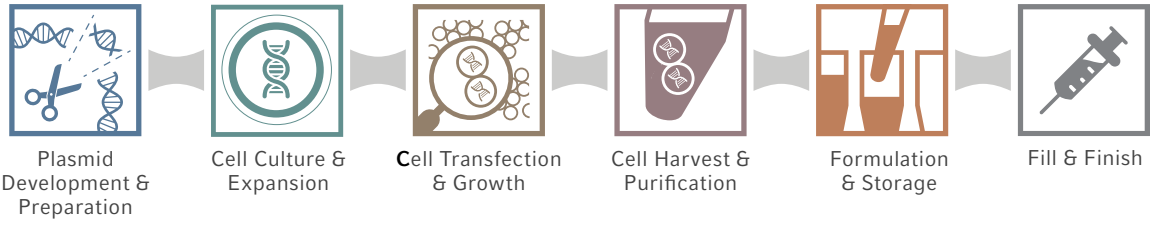
mRNA Vaccine & Therapeutics Workflow mRNA



Allogenic Cell Therapy Workflow CT



Gene Therapy Workflow GT



01

Conical Tubes SnapTec® 25 and 50

CLICK

Speed up your sample handling throughout workflows
We have increased our range of Eppendorf Tubes® with innovative SnapTec cap to include the 50ml size giving you more flexibility. The easy to use SnapTec cap optimizes handling of sample solutions and increases efficiency.

Advantages

> Increases Sample safety as lids cannot be mixed when working in multistep protocols
> Optimal sample and pellet visibility
> Available in Eppendorf Quality™, PCR Clean, Sterile/pyrogen-, DNase-, RNase-, human and bacterial DNA-free

Increase efficiency in all workflow steps

02

VisioNize® Pipette Manager

CLICK

VisioNize

Click here!

Redefine »Routine Tasks«
Ease up your pipetting steps with quicker setting of liquid handling volumes to speed up your workflow stages. The settings are instantly available on all connected electronic pipettes, avoiding setting errors and ensuring better collaboration within your teams.

Advantages

> Be faster with quicker input of volumes
> Be more accurate when handling difficult liquids by using guidance of the software-embedded Liquid Manager
> Be connected by using your tablets to work in parallel with other lab user

Be more accurate when pipetting

Eppendorf Xplorer® / Eppendorf Xplorer® Plus Volume Variants

CLICK

03

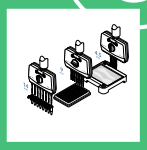
Need to be as precise as possible when pipetting?
Your liquid handling becomes more accurate as the size of air-cushion is reduced to a minimum, ensuring reproducibility throughout all workflow steps. The range now includes new electronic 20 µl, 200 µl and 2.5ml single-channel pipettes.

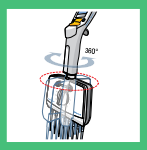
Advantages

> Larger selection of volume variants for increased precision and accuracy
> Work can continue while charging ensuring you do not experience delays
> Intuitive handling with multi-functional rocker and selection dial for quick and easy selection of functions
> Ergonomic design reduces pipetting strains and maximizes productivity

Create reproducible results

04





PhysioCare concept

Move It® – Adjustable Tip Spacing Pipette

CLICK

Get ready to Move It
Changing vessel formats often slows you down. The new Move It pipette allows you to swap between formats easily, speeding up your workflows.

Advantages

> Adjustable tip spacing for accelerated pipetting of multiple samples between tubes, plates and agarose gels
> Spacing control for quick switches backwards and forwards between source and destination formats
> Manual adjustment knob for smooth vibration-free format switches and liquid transfers without dripping

Ideal solution for sample transfer from collection vessels to plates

05

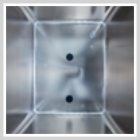
CellXpert® C170i CO_2 Incubators

CLICK

Do you want to speed up your cell culture processes? Do you want an incubator which minimizes contamination risks and is quick to clean? The CellXpert offers you this combined with reduced CO_2 usages, providing you a flexible, high quality incubator.

Advantages

> Easy cleaning, reliable contamination prevention: no fan, seamless chamber and 180 °C sterilization cycle
> Uniform atmosphere and vibration protection: temperature verified at 27 spots inside (German DIN 12880) and fanless design
> Save up to 8300 €/9000 $ over five years: no internal expendable parts, up to 25% more usable space, significantly reduced CO_2 and N_2 consumption
> VisioNize Touch enabled to allow remote monitoring and creation of compliance supporting documentation



VisioNize

Click here!

Reliable growth of your cells optimizes your biologics discovery

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06

VisioNize

Click here!

Mastercycler® X50

CLICK

The Mastercycler X50 is the optimal instrument to save time with higher PCR throughput, using standard formats whenever speed or lab efficiency are of interest. Up to 10 units can be combined – ideal for high throughput applications or labs with a high number of users running different assays. The VisioNize® touch interface enables versatile functions in your Mastercycler X50 and offers intuitive and quick programming from the beginning.

Advantages

> Heating rate of up to 10 °C/s, increasing speed and efficiency in your cloning step
> Wide selection of blocks
> VisioNize touch interface to allow remote monitoring and creation of Compliance documentation
> Innovative 2D-Gradient for advanced PCR optimization

The essential tool for the creation of your clone

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07

VisioNize

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Centrifuge 5910 Ri

CLICK

The large 7-inch VisioNize® touch interface of Centrifuge 5910 Ri provides fast and error-free operation, ensuring efficient runs. The documentation function and user management support your quality control with multiple authorization levels, password protection, and documentation of all runs and user activities.

Advantages

> Spins up to 4 x 1 liter in a very compact footprint
> Swing-bucket rotor with modular adapter choices to accommodate multiple vessels in the same adapter, saving you time and money
> Fixed-angle rotors for high-speed molecular biology applications in tubes from 0.2 mL to 250 mL
> High centrifugation speed of up to 22,132 × *g*
> Aerosol-tight Eppendorf QuickLock® caps and lids allow for fast and ergonomic lid locking
> Quiet operation to improve your work environment

Supports compliance of your centrifugation steps

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08

Centrifuge 5425 R

CLICK

The new 24-place Eppendorf Centrifuge 5425 R features an outstanding cooling system, 6 different rotors, a max. speed of 21,300 × g and an ergonomic operation, making it the new favorite choice on the lab bench for the separation of temperature-sensitive samples from 0.2 - 5 mL.

Advantages

> Excellent cooling system for the separation of temperature-sensitive samples from 0.2 - 5 mL
> Pre-cooling from RT to 4°C in only 8 mins
> OptiBowl® design for quiet operation, even without rotor lid
> Can be integrated in the VisioNize Lab Suite to allow remote monitoring and device documentation

A crucial tool for small purification processes

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SafeCode™ – Identify your Sample

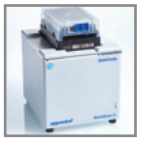
09

Stay organised at all times

The SafeCode system for Eppendorf CryoStorage Vials is based on 3-level coding to enable safe sample identification, saving time and avoiding potential sample loss. Up to 96 pre-labeled vials are pre-racked and pre-capped for convenient usage.

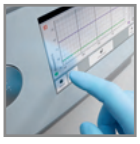
Advantages

> Vial volumes from 0.5 mL–4.0 mL in different purity levels provide a broad range of storage applications
> Scan multiple samples with the RackScan
> Manage your barcoded samples with sample management software eLABJournal®
> Receive further documentation about the vial from the Eppendorf DataPort: automatically downloaded by eLABJournal or via manual download



The ideal solutions for the storage of your valueable samples

10



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ULT freezers of the CryoCube® F740 series

Can you place a value on your samples? What would the impact on your business be if your freezer failed? The CryoCube 740 series is designed to optimize performance, protecting your samples. Eppendorf freezers are renowned for reliability and delivering peace of mind.

Advantages

> 740 L volume class for up to 576 boxes for high-capacity storage
> Quick recovery times after door opening, ensuring sample safety.
> Green cooling, green foam and low energy consumption for a small carbon footprint
> VisioNize touch interface for convenient interaction and data transfer, supporting your Compliance needs

Protect the biologics you create with safe cold storage options

Innova® S44i Stackable Incubator Shaker

CLICK

11

Are late results due to unexpected downtime not an option for you? Do you want to future proof your shaker?
The Innova S44i is known for its reliable performance and high capacity, allowing you to upscale your processes.

VisioNize

Click here!

Advantages

> Increased yield with higher flask capacity: up to 23× 1 L Erlenmeyer or 15× 2,5 L UtraYield™ flasks
> Ready for high yield protocols: all devices in stack can run at max. 400 rpm (25 mm orbit) / 300 rpm (50 mm orbit)
> Reliable performance 24/7: patented Eppendorf X-Drive with semi-automatic counterbalance technology
> Solid documentation, customizable alarms and ramping programs with the VisioNize® touch interface

Avoid unplanned downtime with reliable performance

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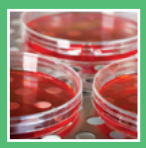
12



VisioNize

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Innova® S41i

CLICK

Discover the only CO_2 incubator shaker on the market with 120 °C disinfection to make your decontamination process easy. The incubator has a shaker platform for suspension cultures plus two optional shelves for simultaneous static cultivation, allowing the unit to adapt to evolving workflow requirements.

Advantages

> Heavy-duty, triple eccentric shaker drive mechanism is optimized for stable, uniform, and vibration-free motion, made to run 24/7
> Extreme efficient CO_2 usage, saving you running costs
> Compact and stackable design for limited lab space
> Reproducible atmosphere leads to faster time-to-market
> VisioNize touch interface for convenient interaction and data transfer, supporting your Compliance needs

Stay flexible to adapt your evolving workflow quickly

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Contact your local distributor:

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