



Integrated Solutions Across the Cell Therapy Workflow

Equipment and labware solutions to support discovery
from preparation and culture to harvest and storage

Streamline the path from discovery to cure with solutions for every step in your workflow

As the world leader in serving science, Thermo Fisher Scientific equipment provides the best-in-class products, services, and support you need to translate your cell therapy from discovery to clinical research to commercial manufacturing.

We are here to help you achieve your goals in ensuring sensitive cell safety, growth stability, contamination control and connectivity, supported by our cGMP documentation, technical expertise, and proven design leadership.

Featured Products

Thermo Scientific™ Heracell™ VIOS 250i CO₂ Incubators – Optimal contamination protection and fast recovery

Thermo Scientific CO₂ Incubators offer multiple large capacity solutions for higher volume and throughput scale up applications. The Heracell™ VIOS™ 250i CO₂ Incubators provide a premium clean room compatible solution where cultures can grow in a controlled, protected environment. Optional variable oxygen control allows for precise control of the culture environment which is critical particularly with more sensitive cells. ISO Class 5 HEPA filtration for airborne contamination protection as well as proven, overnight Thermo Scientific™ Steri-Run™ 180°C sterilization cycle keep the environment protected against contamination.



Thermo Scientific™ HeraSafe™ 2030i Biological Safety Cabinet – Monitored and continuous sample protection

The Herasafe 2030i Biological Safety Cabinet incorporates an easy to use graphic user interface which clearly shows equipment status at all times. Autonomous self-managing safety features provide secure knowledge that precious samples are protected during this stage of the workflow. Connectivity-ready, the Herasafe 2030i BSC can additionally provide data and remote status checking.



Thermo Scientific™ GP Pro Centrifuge Portfolio – Optimal G-force and speed for cellular separation

Cellular separation is a critical and essential step in your process and it is important to consider and select the correct specification which can assure your success. The proper speed and G-force, the adaptability to your sample containers, the biocontainment certification, the ease of use and reliability, and the mobility in the cleanroom are all important features which Thermo Scientific General Purpose Centrifuges can provide for your demanding environment. Accompanying the right product are a solid portfolio of validation and support services to insure uptime and compliance.



Thermo Scientific™ CryoMed™ control-rate freezers – Temperature control solutions for the cryopreservation change process

CryoMed Control-rate Freezers use a unique LN₂ delivery system to precisely and powerfully move samples through the phase change process that occurs during the cryopreservation process. This is instrumental in ensuring cell line viability and is a key component of the cell therapy workflow. Once frozen, samples can be placed into long-term cryo storage or shipped near and far with our Thermo Scientific™ Arctic Express™ line of Cryo Shippers.



Workflow solutions

Find the right solutions for your cell and gene therapy workflow

Prepare



Learn more about our sample preparation products ensuring cell quality

- S1 Pipette Fillers
- Water Purification
- Water Baths
- pH Meters

Culture



Know how to safeguard cell viability, contamination control and reproducible data

- CO₂ Incubators
- Cell Locker
- Shakers

Modify



Visit our sample modification equipment sites to understand processing and contamination control

- Biological Safety Cabinets
- Centrifuges
- Lab Refrigerators
- Lab Freezers

Harvest



Understand centrifugation methods and rotor choices for optimal harvest

- Bench top Centrifuges
- Large Capacity Centrifuges

Storage



Practice advanced storage methods to store samples at the right temperature

- Cryopreservation
- CryoMed Controlled-rate Freezers
- LN₂ Shippers



Click on any of the bullet points on this page to go to that product web page.

Include service and support to help ensure your work is compliant with regulatory standards

cGMP Compliant documentation	Service offering	Expert consultation
<ul style="list-style-type: none">• IQ/OQ documentation to support rigorous validation• Manufactured within ISO 13485 environment for reliability	<ul style="list-style-type: none">• Parts and logistics support for worldwide management of equipment investment• Service contracts available for installation, validation and maintenance support	<ul style="list-style-type: none">• Regional and local support specialists available to provide technical support and applications assistance• Factory trained global service organization, supporting optimal user experience

Discovery and translation

Gibco Cell Therapy Systems (CTS) products offer a seamless transition from research to the clinic by providing scalable products manufactured under cGMP conditions with extensive safety testing, unified traceability documentation, and experienced consultation.

- Immunotherapy media and reagents
- Mesenchymal stem cell media and reagents
- Neural cell therapy media and reagents
- Induced pluripotent stem cell media and reagents

Bioprocessing

Our extensive experience and portfolio in bioprocessing gives you the power you need to scale up.

- Cell isolation and expansion
- Single-use technology
- Custom media and services
- Purification solutions
- Roller bottles

Clinical trial support and cold chain logistics

We'll partner with you in every stage of development—from early phase clinical trials through phase III, licensure, and global commercial distribution. Our storage and logistics expertise, combined with validated procedures and global infrastructure, allow us to meet the specific requirements of your advanced therapy products.

- Cryogenic storage solutions
- Cold-chain logistics
- Kit production
- Secondary packaging and labeling
- Qualification/validation services



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Find out more at [thermofisher.com/celltherapy](https://www.thermofisher.com/celltherapy)

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