



**MedTech**  
BARCELONA by Lertac

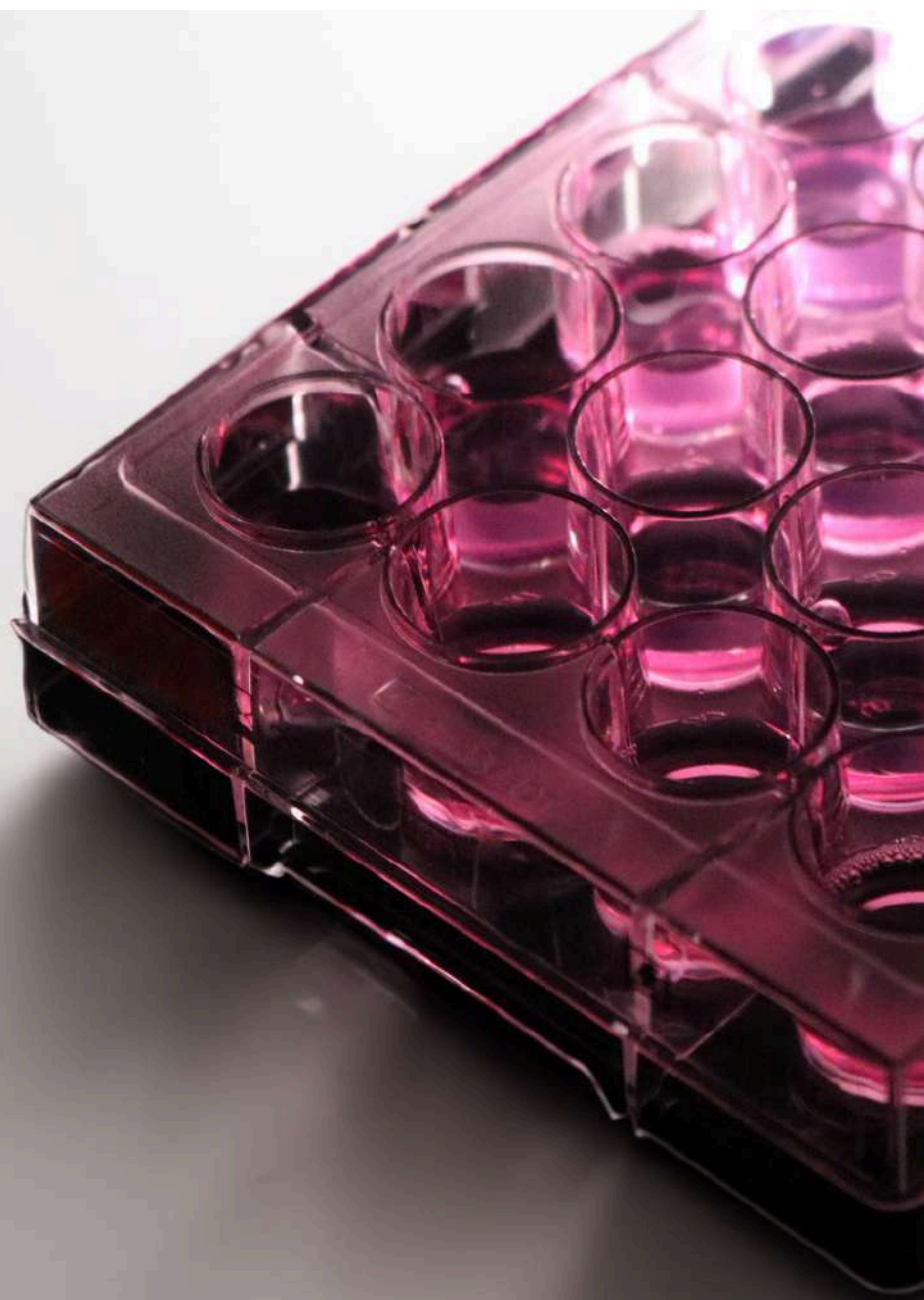
**ReadyCell**



# CacoFamily

Assess your compounds with  
ready-to-use tools based on  
Caco-2 cells





# ReadyCell

## Easing your Screening

Streamline your preclinical research with our ready-to-use Caco-2 and HT-29 cell-based plates. Ideal for *in vitro* studies of new compounds, these plates come differentiated.



Ready-to-use  
technology



No cell  
licensing



Suitable for  
high-throughput  
automated  
processes



Shipments at  
room  
temperature



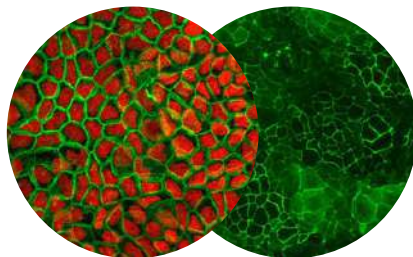
Versatile and  
reproducible  
between  
batches



Results  
accepted by  
the regulatory  
agencies

# The Caco family members

Thanks to an exclusive technology and 20+ years of experience, we have developed a protocol that guarantees reliable results while preserving cell integrity from transport to experimentation.



## CacoReady

An *in vitro* cell-based model built on 21-day differentiated Caco-2, which resemble the intestinal epithelial barrier

In its transwell version, it is considered to be the **gold standard for assessing intestinal permeability**. In its non-polarized form, it is used for toxicity assessments.

## CacoGoblet

With Caco-2 and HT-29 cells differentiated for 21 days, this cell model closely resembles the physiological conditions of the intestinal epithelium by its absorptive and mucus-secreting phenotype.

Primarily, CacoGoblet functions as reference model for **assessing inflammation**.

# Plates available in various formats

WELL SYSTEM	PRODUCT FORMAT		
	CacoReady 24-well	CacoReady 96-well	CacoGoblet 24-well
<b>Transwell</b> For permeability tests	.	.	.
<b>Clear multiwell</b> For toxicity assays	.	.	
<b>Individual transwell</b> For well variability	.		.

## Discover other applications

- Drug intestinal permeability
- Efflux through P-gp and BCRP
- Cytotoxicity
- Inflammation
- Mucus-drug interaction
- Nutrient transport and bioavailability

### To find out more:

Visit [medtechbcn.com/readycell/products/](https://medtechbcn.com/readycell/products/)  
or scan the QR code.

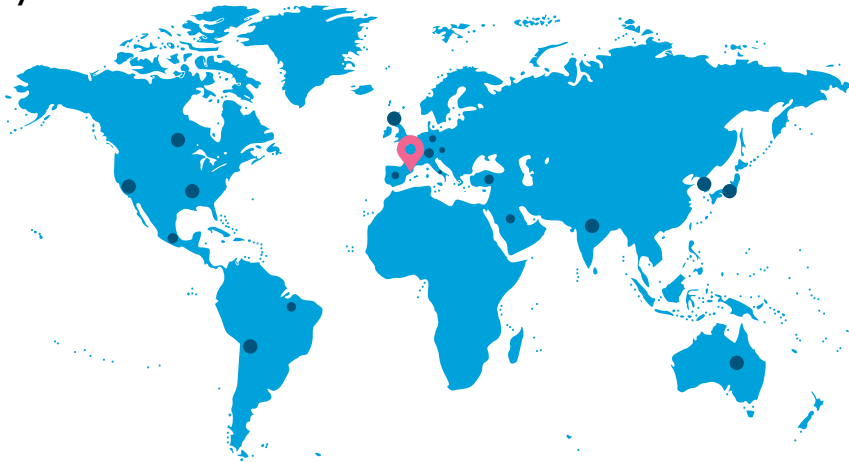


[medtechbcn.com](https://medtechbcn.com)

# Supplying worldwide shipments

We customize our production schedule to accommodate your chosen assay week. Following order placement, plates are dispatched three weeks later. You will receive a confirmation email upon shipment containing all technical and tracking details.

**Our patented technology, the Shipping Medium, ensures cell viability during transportation at room temperature up to seven days.**



**3 weeks in  
advance**

Plates  
production

**Monday/  
Tuesday**

Packaging &  
shipment

**24 - 96h**

Delivery  
24-48h EU  
48-96h world

**Friday**

Shipping  
medium  
liquefaction

**Following  
week**

Assay

# Test with ease from the first minute

1-Receive



2-Liquefy



3-Incubate



4-Assay



Get rid of the time-consuming duties of thawing, seeding and maintaining frozen cells. **With ReadyCell differentiated fresh cells, you save time and effort, as all processes are managed for you.**

Upon delivery, just liquefy the shipping medium, transfer the cells to the incubator, and they will be ready for the assay.

## Need extra help?

We are at your service. Whether you need technical advice or help with purchases, our commercial and technical teams are prepared to offer the assistance you require. Additionally, the orders include:

- User's manual
- Best practices video-training
- Calculations template
- Quality controls



## CONTACT US

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