

FamilyPort

Evaluate your compounds with
ready-to-use MDCKII cells
expressing efflux transporters



ReadyCell

Easing your Screening

Streamline your preclinical research with our ready-to-use MDCKII cell-based plates, designed to facilitate the assessment of drug-transporter interactions. 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



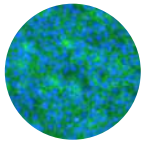
Versatile and
reproducible
between
batches



Results
accepted by
the regulatory
agencies

The efflux family members

Discover our plates cultured with 12-day differentiated MDCKII cells. 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.



PreadyPort^{WT}

In vitro reference model to evaluate passive permeation of orally administered drugs.



PreadyPort^{MDR1}

MDR1 or P-gp transporter plays a critical role in drug intestinal absorption, biliary and urinary excretion, and in the entry of molecules into the central nervous system.

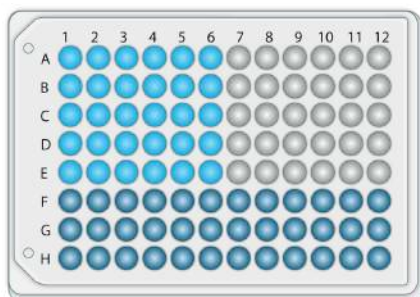
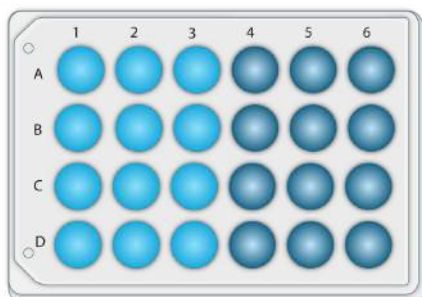


PreadyPort^{BCRP}

BCRP is a high-capacity efflux transporter with broad substrate specificity. It is located in the apical cell membrane of barrier tissues and excretory organs.

Custom your plate matching transporters

Customize your 24-well and 96-well plates by combining MDCKII cells overexpressing efflux transporters according to the assay requirements.



Discover other applications

- Drug permeability through the Blood Brain Barrier
- Efflux through P-gp and BCRP
- Transporter substrates, inhibitors and inducers
- Transporter-based drug-drug interactions

To find out more:

Visit medtechbcn.com/readycell/products/
or scan the QR code.

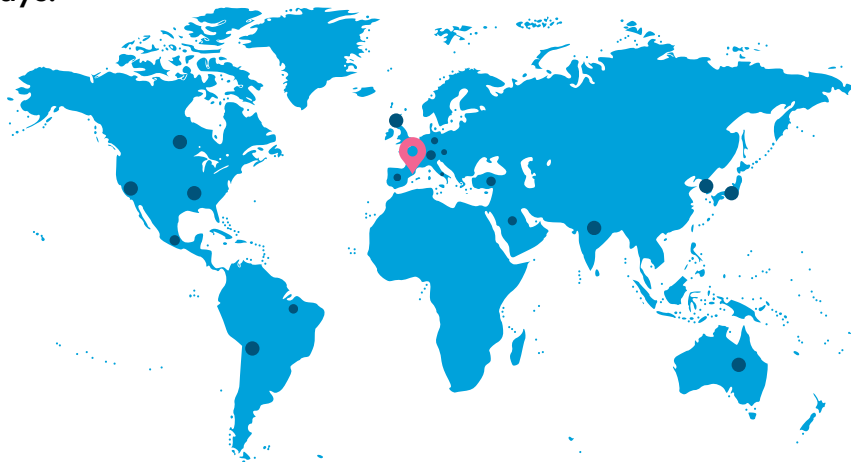


medtechbcn.com

Supplying worldwide shipments

We customize our production schedule to accommodate your chosen assay week. Following order placement, plates are dispatched one 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.



**1 week 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



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.**

3-Incubate



4-Assay



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



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