



FamilyTake

Test drug-transporter interactions
with ready-to-use HEK293 cells
expressing uptake carriers



ReadyCell

Easing your Screening

Streamline your preclinical research with our ready-to-use HEK293 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



Full cell
functionality after
transportation



Suitable for high-
throughput
automated
processes



Shipments at
room
temperature

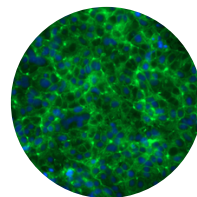


Versatile and
reproducible
between
batches

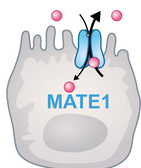


Results
accepted by the
regulatory
agencies

The uptake family members

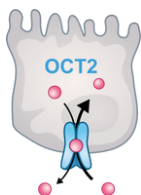


PreadyTake has been designed in a 96-well plate format with 11-day differentiated MATE1, OCT2 and OATP1B3-overexpressing HEK293 cells. The plate can also contain wild type line, seeded with cells transfected with the empty vector.



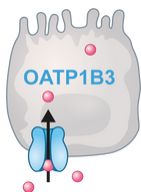
PreadyTake^{MATE1}

Drug-transporter interactions involving MATE1 may compromise drug renal clearance and biliary excretion.



PreadyTake^{OCT2}

The OCT2 transporter carries a wide range of different solutes across biological membranes being especially relevant for those drugs that are renally excreted.

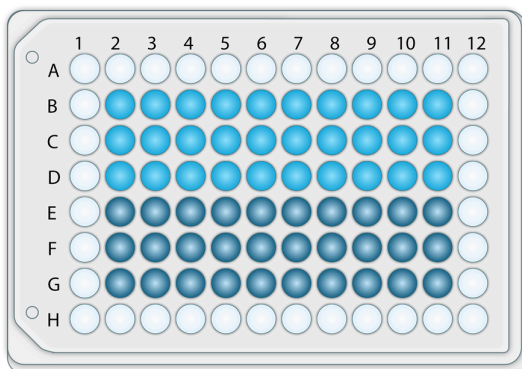


PreadyTake^{OATP1B3}

Because of these transporters' prominent expression on the sinusoidal membrane of hepatocytes, OATP1B3 represents a critical mechanism for the uptake of drugs into the liver.

Customize your plate multiple transporters

Customize your plate by combining HEK293 cells overexpressing uptake transporters according to the assay requirements.



Discover other applications

- MATE1, OCT2 and OATP1B3 substrates, inhibitors and inducers
- Uptake transporter-based drug-drug interactions (concomitantly administered drugs)
- Competitive inhibition (unexpected drug elimination)

To find out more:

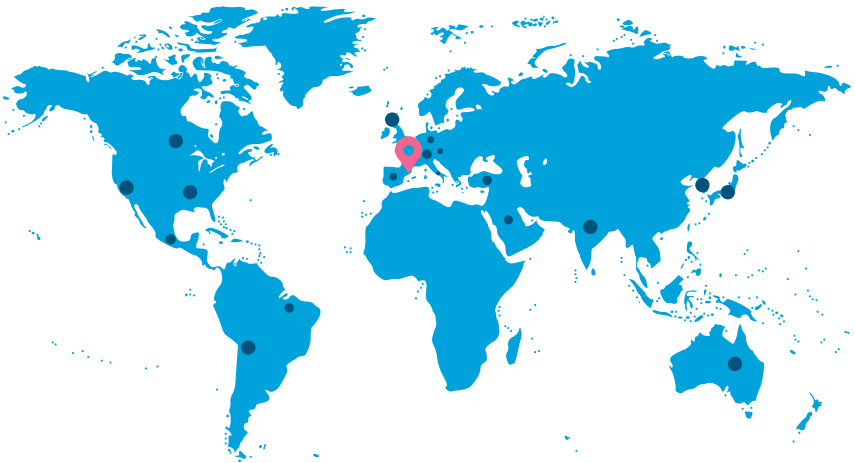
Visit [readycell.com/uptake-transporters/](https://www.readycell.com/uptake-transporters/)
or scan the QR code.



Supplying worldwide shipments

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



**2 weeks in
advance**

Plates
production

**Monday/
Tuesday**

Packaging &
shipment

24 - 96h

Delivery
24-48h EU
48-96h world

Friday

Shipping
medium
liquefaction

**Following
Monday**

Assay

Customer satisfaction

our client reviews



We have found ReadyCell to be a professional service, with good batch quality of cells. Shipment takes a matter of days and we can use the barriers over a 5-day window once they arrive in the lab.

CN Bio Innovations (UK)

Due to the lack of experience culturing the cells and seeding them in monolayers we find it highly convenient to employ a ready-to-use kit.



Dalriada Drug Discovery (Canada)



Ease of ordering, consistent results, and a high-quality product for when we aren't able to use our own in-house cells.

LabCorp Drug Development (USA)

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**
- **Calculations template**
- **Quality controls**



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