

ReadyCell

offers a complete range of products to study pharmacokinetically required studies

INTESTINAL PERMEABILITY KITS

CacoReady

Caco-2 cell-based concept for in vitro intestinal absorption evaluation

The kit consists of 24 or 96 insert-integrated plates containing differentiated and polarized Caco-2 barriers. CacoReady is ready-to-use, and thanks to ReadyCell's flexible technology, the plates can be used up to 7 days after ideal cell barrier differentiation.

CacoGoblet

Mucus secreting ready-to-use system for intestinal absorption evaluation

The kit consists of 24-well permeable support based on differentiated Caco-2 and human goblet cells. CacoGoblet allows in vitro intestinal absorption evaluation of drug targets in a barrier physiologically closer to the intestinal epithelium.

EFFLUX TRANSPORTER KITS

PreadyPort BCRP

In vitro BCRP transporter evaluation for early assessment of drug candidates

PreadyPort BCRP is available in 24 or 96 insert-integrated plates, in clones that overexpresses BCRP receptor as well as the parental line. Ideal for monolayer assays that study the interaction of drugs with efflux and/or uptake transporters.

PreadyPort MDR1

Ready-to-use tool with transfected MDCK II cells, expressing MDR1 receptor

The system is suitable for testing p-gp interactions since it models the net transporter events of excretory cells and physiological barriers. PreadyPort-MDR1 kits contain 24 or 96 insert-integrated plates with differentiated MDCK II cells expressing MDR1 as well as the parental line.

PreadyPort OATP2B1 BCRP

Ready-to-use system for OATP2B1 receptor drug interactions

Specially developed to study OATP2B1's clinical significance, the kit consist of 24 or 96 well plates with differentiated MDCK II cells expressing OATP2B1 / BCRP.

Preadyctive MRP2

Screening kit for hepatic metabolism based on transfected MDCK II cells

MRP2 receptor is highly expressed in the liver, showing a relevant role in bilirubin conjugated metabolites. Regulatory agencies are considering receptor relevance in terms of pharmacokinetic activity. Preadyctive MRP2 is ready-to-use and available in 24 well insert plates.

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TRANSPORTER ASSAY KITS

ReadyTake
OCT2

HEK 293 cell based in vitro test ready for OCT2 renal elimination studies

In vitro assay kit based on differentiated HEK 293 cells overexpressing the OCT2 receptor. ReadyTake OCT2 contains 96 insert-integrated plates, enabling a first approach to renal metabolism during drug development stages.

ReadyTake
OATP1B1

MDCK II cell monolayer assay kit to evaluate hepatic uptake

Research tool indicated for OATP1B1 testing during DDI studies. ReadyTake OATP1B1 kits contain 96 insert-integrated plates with differentiated MDCK II cells expressing OATP1B1 receptor, as well as the parental line.

ReadyTake
OATP1B3

OATP1B3 transporter cell-based tool, easing pharmacokinetic tests

Ready-to-use in vitro kit, available in 96 well formats, and seeded with transfected MDCK II cells overexpressing OATP1B3 as well as the control cells. ReadyPort OATP1B3 is most recommended to evaluate the net active transport of drugs during hepatic metabolism.

ReadyTake
MATE1

MATE1 receptor has emerged as a relevant transporter for DDI assays

A ready-to-use kit, available in a 96-well format, and seeded with transfected HEK 293 cells expressing MATE1 transporter as well as the control cells. ReadyTake MATE1 is an in vitro model that evaluates the net active transport event of barriers such as liver and kidney for cationic compounds.

ReadyTake
OAT1

Cell culture kit recommended for renal pharmacokinetic evaluation

The kit consists in a 96 insert-integrated plate with differentiated MDCK II cells expressing OAT1, as well as the parental cell line. ReadyTake OAT1 allows in vitro renal evaluation of anionic drug targets metabolism.

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Leaders in providing DMPK solutions