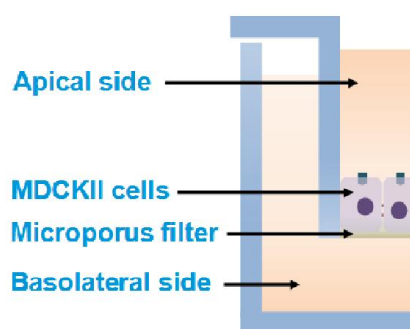




ReadyCell™ and SOLVO Biotechnology introduce **PreadyPort™- OAT2B1/BCRP**

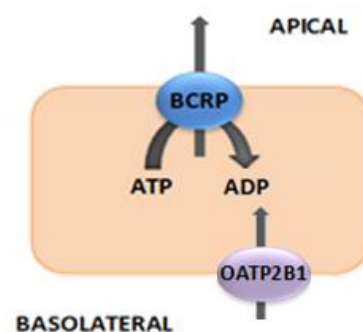
PreadyPort™-OATP-BCRP Kits contain 24/96-insert integrated plates with differentiated MDCKII cells expressing OATP-BCRP as well as the parental cell line

PreadyPort™-OATP-BCRP Kit, is revolutionary in providing a ready-to-use tool for MDCKII-OATP-BCRP monolayer assays. The kit will allow researchers to perform OATP and BCRP interaction studies on monolayers without bothering about cell-line licensing and culturing.



PreadyPort™-OATP2B1/BCRP Applications

- OATP and BCRP substrates assessments (direct transport studies)
- OATP and BCRP inhibition assessment (drug-drug interactions)
- Models the net transport events of barriers like the human blood-brain-barrier and the intestine

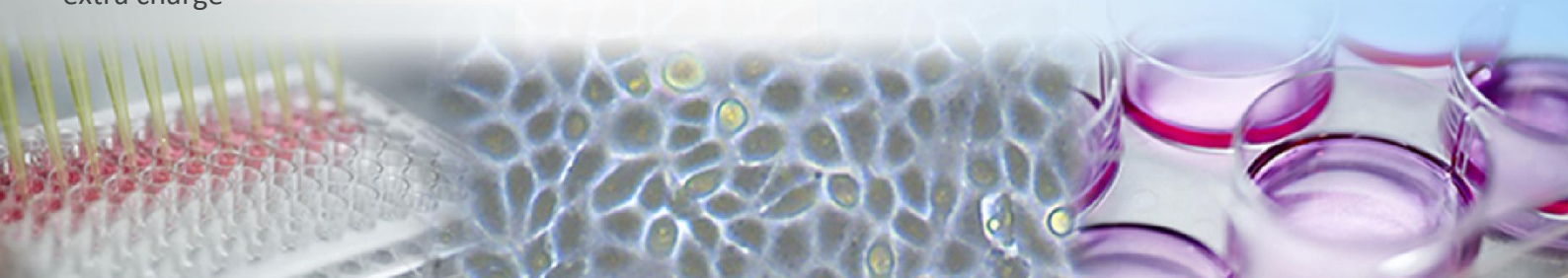


PreadyPort™-OATP2B1 and BCRP Features

- Differentiated MDCKII – OAT1/BCRP 11 days barrier
- Flexibility: The Kit can be used up to 5 days after reception
- 24 insert-integrated plate format
- Up to 3 days of transportation and storage at room temperature in proprietary shipping medium
- Sample Assay Protocol and Plate Layouts
- Available under a Limited Single-use License without extra charge

PreadyPort™-OATP2B1 and BCRP Benefits

- Available on demand
- Ready-to-use
- User-friendly and easy-handling system
- Adaptable to automation
- Transporter experiments without in house cell propagation
- Transporter experiments without in house cell line development, or acquisition





Shipping medium

- ✓ Solid at room temperature (liquid at 37°C)
- ✓ Preserves cell viability
- ✓ Permits differentiation process progression
- ✓ Do not affect cell culture properties
- ✓ Do not perturb monolayer integrity



RECEIVE

LIQUIFY

APPLY

ASSAY

Ready-to-use cell barrier

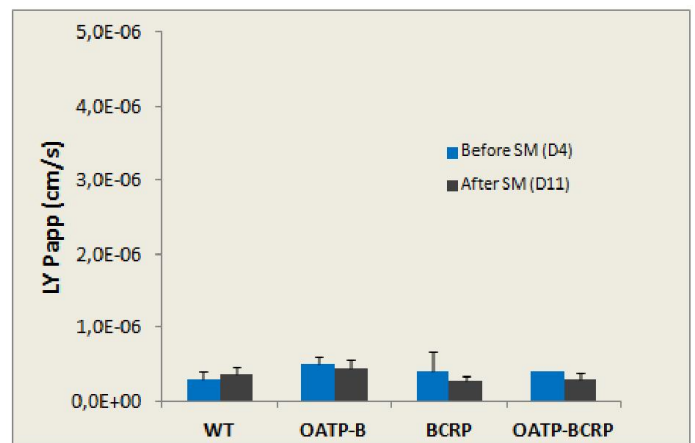
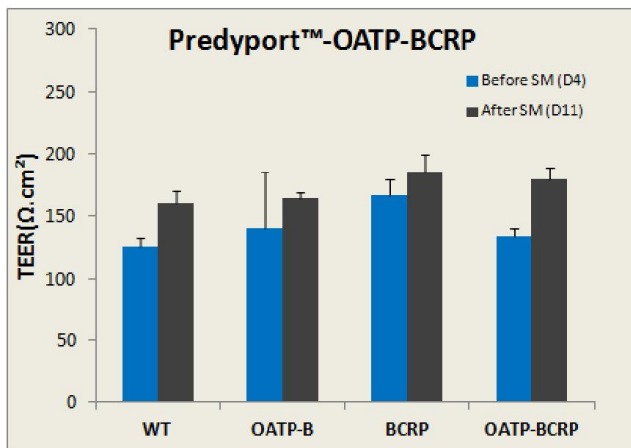
Liquefying of solid shipping medium at 37°C

Incubation with test compound

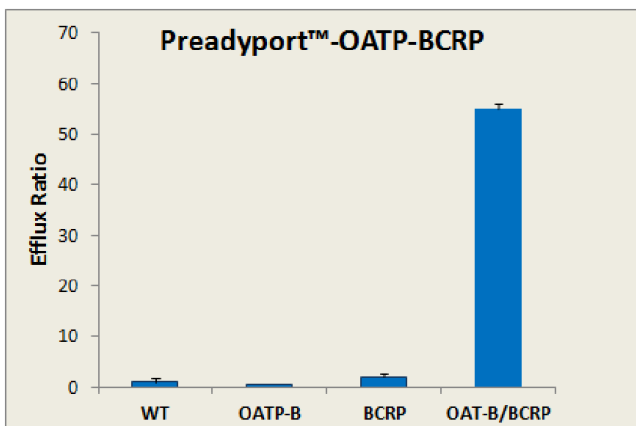
Assessment of permeability /transport end point

Experimental Data:

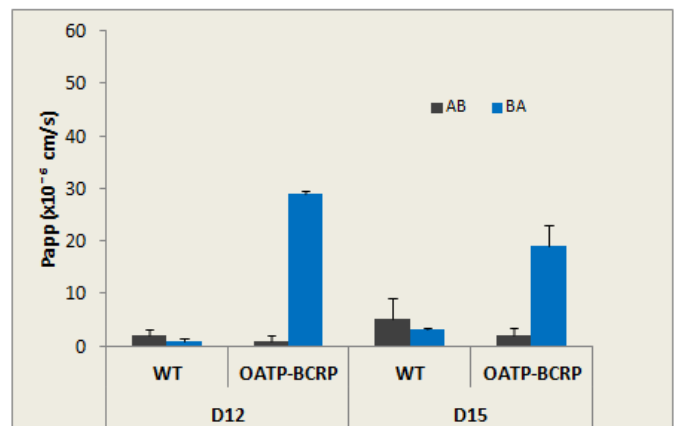
- Stability of PreadyPort™-OATP-BCRP Barrier Properties after Shipment (24-well format)



The barrier stability of the PreadyPort™-OATP-BCRP kit after shipping medium replacement is presented above. The day 4 (D4) of culture the shipping medium was added and the kit was maintained for 4 days at room temperature. The shipping medium was then removed and TEER and Lucifer Yellow (LY) permeability were measured after 3 days in standard cultured conditions (D11). Cells monolayers showed no changes in barrier properties by the shipping medium. These results indicate that PreadyPort™-OATP-BCRP can be stored and transported at room temperature.



OATP-BCRP-mediated Estrone 3-sulfate transport was determined using the PreadyPort™-OATP-BCRP kit at day 12 of culture. MDCKII-WT, MDCKII-OATP and MDCKII-BCRP were used as controls. Results are expressed as the average of 3 independent experiments



PreadyPort™-OATP-BCRP kit was maintained during 1 week after shipment replacement. OATP-BCRP-mediated Estrone 3-sulfate transport was determined at day 12 and 15 of culture. This data indicate that the PreadyPort™-OATP-BCRP functionality is maintained during 1 week after shipment replacement. Results are expressed as the average of 3 independent experiments