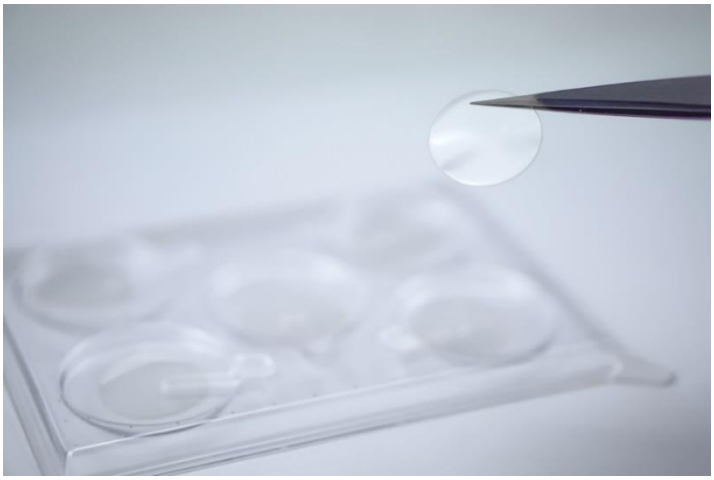
PermeaPlain Barrier



Measure the mass transfer of drugs through a cellulose membrane

The PermeaPlain Barrier allows on the basis of a permeable cellulosic membrane highly efficient detection of the passive mass transfer (mass transfer screening) of novel drugs*. Regardless of the polarity of the substance, the diffusion of the different drugs may be analyzed through a membrane. Measurements with the barrier are easy, fast and reproducible.

The simulation of passive mass transport can be performed by applying the PermeaPlain Barrier in a conventional Franz-Cell, side-by-side diffusion cell or other set-up thereby measuring the permeability of a drug.

* For research use only.
Not for use in diagnostic procedures.

With the PermeaPlain Barrier it is possible to determine/generate fast, easy and reproducible data about the solubility of drugs

Technical Data

General technical data

Membrane components	Cellulose membrane
Disk Diameter	1. 25,0 + 0,2 mm 2. 35,0 + 0,2 mm
Storage	Do not expose the product to sun and UV radiation and store at 25 °C.
Operation temperature	e.g. 25 °C; 37 °C
Measuring range	No data available
Drug concentration	No data available
Sampling intervals	Freely selectable
Test duration	No data available
Analysis method	e.g. HPLC, LC-MS/MS, etc.
Data	Permeation, Flux, apparent permeation coefficient P_{app} *drug recovery*
Tested drug substances	No data available
Warranty	Expiry date on label

Version 4: Changes, including technical, reserved. 01.01.2023