



HμREL[®] Hepatic Co-culture System

Unpacking Protocol

HμREL[®] hepatic co-culture plates are shipped in a uniquely designed configuration to ensure temperature control and leakage prevention for the duration of shipment. Kindly follow our unpacking protocol for optimal use of our product.

Package Contents:

PlatinumHeps[™] maintenance media: 50ml per plate,
PlatinumHeps[™] dosing media: 50ml per plate,
replacement lids
HμREL[®] co-culture plates

UNPACKING:

1. Take both medium bottles from shipping container and warm the medium bottle labeled *Maintenance Media* to 37°C.
2. Carefully remove HμREL[®] hepatic co-culture plates from shipping container .
** Keep cell plate orientation as it is packed. DO NOT flip over plates.
3. Transfer cell plates to biosafety cabinet
**Only use *cells* under *aseptic conditions*.
4. Take off or cut rubber bands from the plates.
5. Carefully remove the lid from the plate by firmly holding down the bottom of the plate and pulling the lid off from one side. Discard the shipping lid.
6. Remove and discard absorbent sheets.
7. Gently peel off the rubber gasket and discard.
8. Aspirate the shipping media from the plates using the aspiration protocol detailed below and replace with 37°C warm *Maintenance Media*. Refer to the table below for recommended medium volume/well.
9. Finally, put a sterile replacement lid on the co-culture plate and transfer to an incubator for incubation at 37°C and 5% CO₂.

Recommended Aspiration Protocol

- Medium aspiration should be performed using a low vacuum pressure.
- Aspirator tips should NEVER touch the bottom of the wells.
- To ensure cells do not dry out and function and viability are sustained, it is recommended to aspirate and replace medium 3 columns at a time and replace medium 3 wells at a time

Well Plate	Volume/Well
96-Well	80 μL
48-Well	150 μL
24-Well	400 μL
12-Well	1000 μL