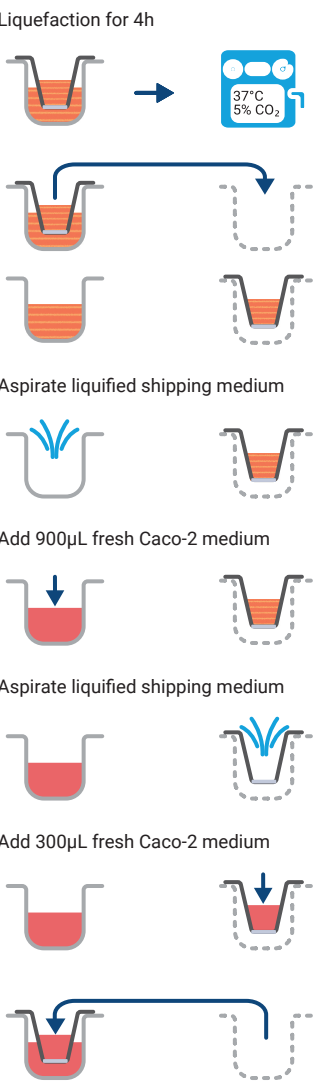
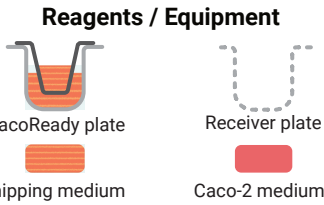
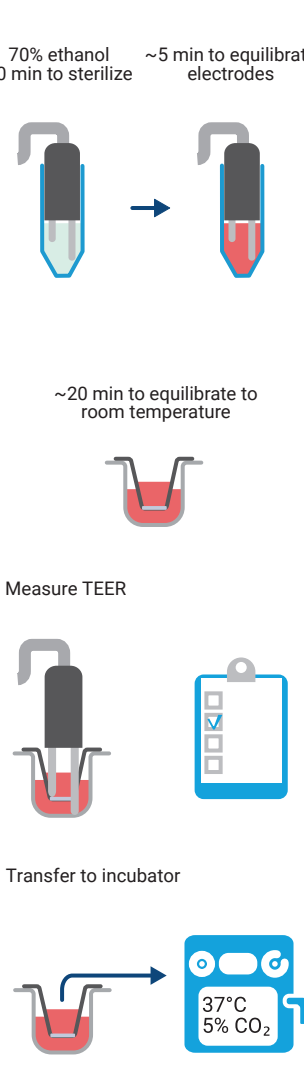
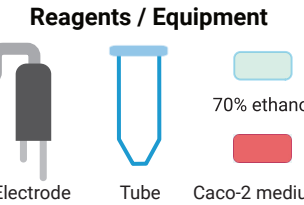


ReadyCell CacoReady 24 Well Plate Instructions

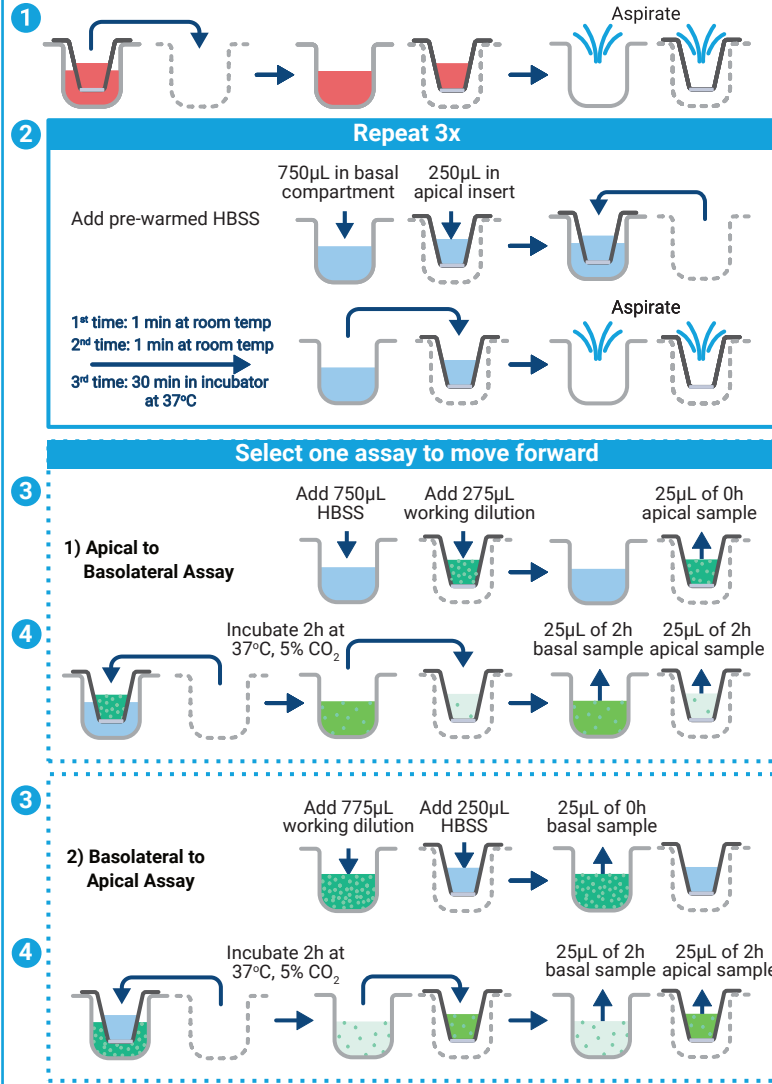
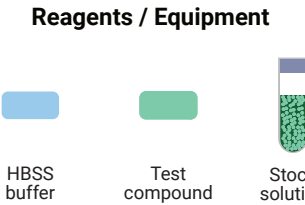
A) Liquefaction and Shipping Medium Exchange (4h)



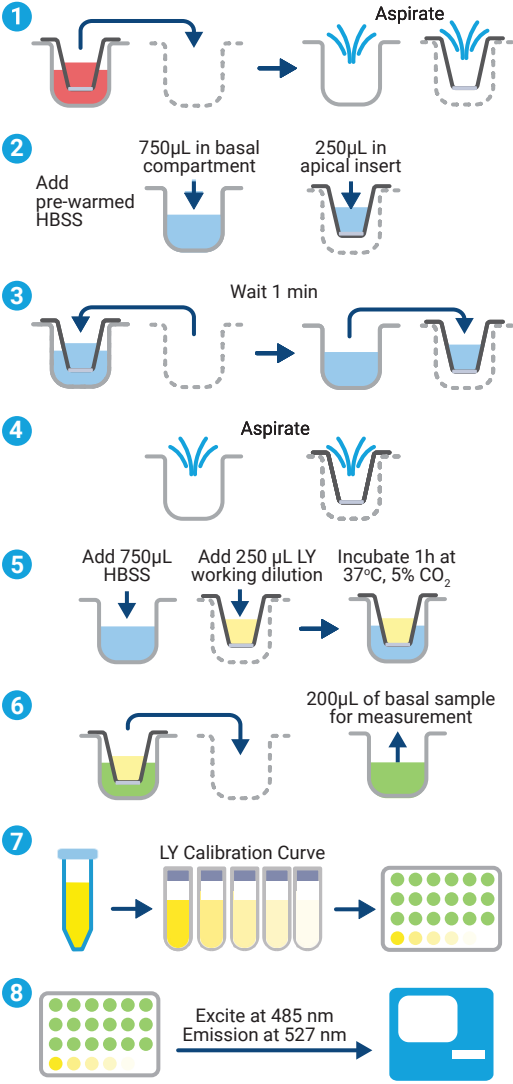
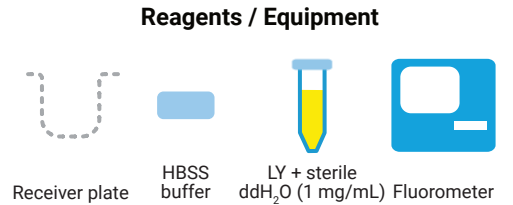
B) Pre-Assay Control TEER Measurement (1h)



C) Permeability Assay (4h)



D) Post-Assay Quality Control: Lucifer Yellow Paracellular Permeability Assay (2h)



Important Notes

Key Dates

| | |
|--------------------------|--------|
| Shipping Medium Exchange | Friday |
| TEER Measurement | Monday |
| Assay | Monday |

Important Notes

Key Data

| | |
|---------------------|---------------------------|
| Well Area | 0.33 cm ² |
| Minimum TEER Values | 1000 ohms·cm ² |

Important Notes

Assay Conditions

| | |
|---------------|--------------|
| Concentration | 10 µM |
| Replicates | 3 |
| Time Points | 2 (0 and 2h) |

Important Notes

Lucifer Yellow Quality Control Parameters

| | |
|-------------------|-----------------------------|
| Paracellular Flux | 0.7% |
| Papp | ≤1.47x10 ⁻⁶ cm/s |