

# Ready-to-use Human iPSC-Derived Liver Organoids

## Ready-to-use Human iPSC-Derived Liver Organoids

Cat. No. : CIPO-RWL005K

## Description

The Ready-to-use liver organoids are derived from human iPS cells and being cultured for more than 24 days. Organoids generated using Human iPSC-Derived liver organoid feature various types of cells, including hepatocytes, bile duct cells and vascular endothelial cells.

## Product Specification

The live organoids are ready-to-use organoids that are delivered in shipping medium and must go through a recovery period before using for testing.

## Product Information

Name	Shipment	Storage
Live liver organoids	4 ~ 25 °C	Please recover the live organoid immediately upon receipt.

## Materials Required for Organoid Culture

- Ultra-Low Adherent 6 Well plate/Ultra-Low Adherent 96 Well plate
- Human iPSC-Derived Liver Organoid Expansion and Maintenance medium (Cat. RIPO-RWM010)

## Equipment Required

- Incubator (37°C, 5% CO<sub>2</sub>)
- Biosafety cabinet

## Culture

- a. Add 5 ml Human iPSC-Derived Liver Organoid Expansion and Maintenance medium (Cat. RIPO-RWM010) per well to each well of 6 Well Ultra-Low Attachment Plate.

- a. Transfer the live liver organoid in the 6 Well Ultra-Low Attachment Plate with 24 organoids per well(Or you can culture one by one in the 96 wells plate with 200  $\mu$ l medium each well). Please try to avoid transferring the shipping medium along with the organoid into the well.  
Tips: You can use the head cutted pipette or the tube of the bus for organoid transfer. In addition, *please be sure not to centrifuge*, you can suck the excess transfusion and add the culture solution after the transfer is completed.
- b. Incubate at 37° C, 5% CO<sub>2</sub> for 48 h.
- c. Change the whole medium every 3 days.



## Related Products

Product	Cat. No.
Human iPSC-Derived Liver Organoid Expansion and Maintenance medium	RIPO-RWM010