

Ready-to-use Human iPSC-Derived Liver Organoids

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Cat. No. : CIPO-RWL005K

Description

The Ready-to-use liver organoids are derived from human iPS cells and being cultured for more than 60 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.
Liver organoid maintenance medium	4 ~ 25 °C	Please use 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% CO₂)
- Biosafety cabinet

Culture

- 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 µl 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% CO₂ 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