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Version 1: May 25th, 2026

Human Kidney Organoid Maintenance Medium

Cat. No. TM210

Store at -20°C.

Product Description

The Human Kidney Organoid Maintenance Medium is an optimized formulation developed to support the maintenance, maturation, and extended culture of 3D kidney organoids in vitro. The medium helps preserve organoid viability, renal lineage characteristics, and nephron-like architecture during long-term culture. Its consistent formulation supports reproducible kidney organoid workflows for applications such as developmental biology, disease modeling, toxicity studies, and drug screening.

Product Component	Part No.	Quantity	Storage Condition
Human Kidney Organoid Maintenance Medium	TM210	100 ml	-20°C

Key Features

- Optimized for 3D kidney organoid culture
- Ready-to-use medium system

Protocol – Human Kidney Organoid Maintenance

1. Upon receipt, store the medium at -20°C. When ready to use, thaw overnight at 2–8°C.
2. After thawing, mix thoroughly before use. Use the medium directly with kidney organoid cultures for optimal performance. Store thawed medium at 2–8°C and use within 2 weeks. Do not refreeze.
3. Replace the maintenance medium every other day, or approximately every 48 hours.

General Notes

- Do not allow medium pH to become acidic during culture.

For research use only. Not intended for therapeutic or diagnostic use.