

RocketCell™ Organoid Essential-Core Medium, AOF



One Core Medium. Endless Organoid Possibilities. An animal origin-free medium that supports multiple organoid types – just add growth factors.



Unified Core System

Replaces the need for separate supplementation, providing a complete nutritional foundation in one simple kit.



100% Animal Origin-Free & Defined

Ensures a controlled, animal-origin-free environment, minimizing batch-to-batch variability and regulatory hurdles.



Enhanced Viability & Recovery

Supports robust initial survival and maintains high viability through repeated passaging and long-term culture.



Plug-and-Play Flexibility



Serves as a versatile base for multiple organoid lineages and differentiation stages; just add the specific growth factors required for your specific model.

Broad Matrix Compatibility



Validated for use with both synthetic and animal-derived hydrogels, enabling seamless integration into existing organoid platforms.

Maximum Efficiency



Drastically reduces media preparation time and calculation errors, allowing researchers to focus on data rather than bench work.

The **RocketCell™ Organoid Essential-Core Medium, AOF** is a standardized, chemically defined foundation medium designed to simplify and unify organoid culture workflows.

This ready-to-use kit serves as a fundamental medium that provides all essential nutrients and is flexible, allowing direct mixing with growth factors and signaling molecules to support various types of organoid development. It eliminates the need for conditioned media preparation or complex multi-component media and supplement mixing.

Learn more about
**RocketCell™ Organoid
Essential-Core Medium, AOF**



[thewellbio.com/product/
rocketcell-organoid-essential-core-medium-aof/](https://thewellbio.com/product/rocketcell-organoid-essential-core-medium-aof/)

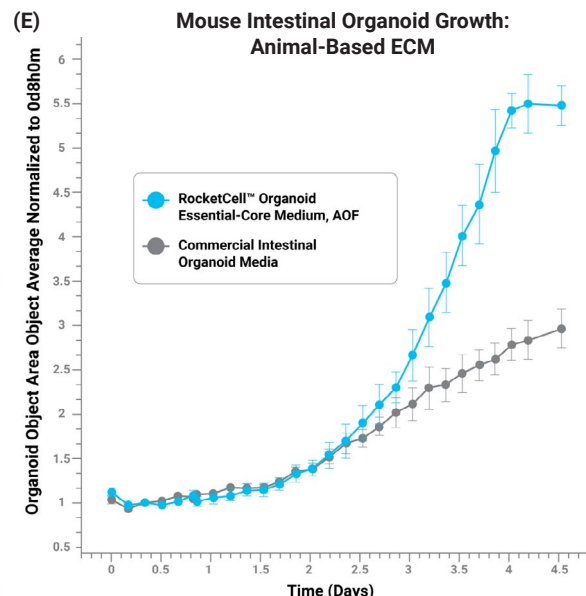
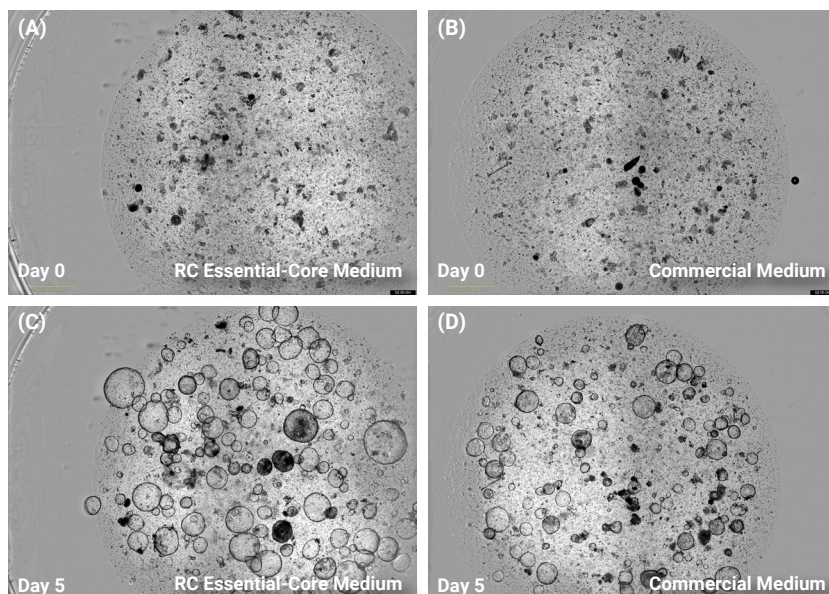


Figure 1: Intestinal Organoid Growth Comparison: RocketCell™ Organoid Essential-Core Medium, AOF vs. Commercial Intestinal Organoid Media | Animal-Based ECM.

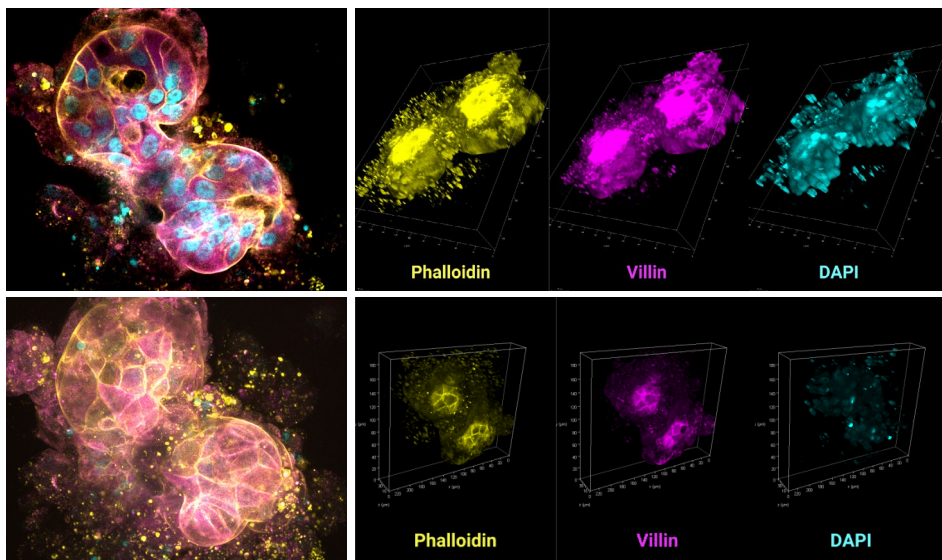


Figure 2. Use of RocketCell™ Organoid Essential-Core Medium, AOF in Generating iPSC-Derived Intestinal Organoid. RocketCell™ Organoid Essential-Core Medium, AOF with VitroGel® hydrogels, CytoGrow™ growth factors were used to generate iPSC-derived intestinal organoids. Representative image showing iPSC-derived intestinal organoids cultured in VitroGel® ORGANOID-5.

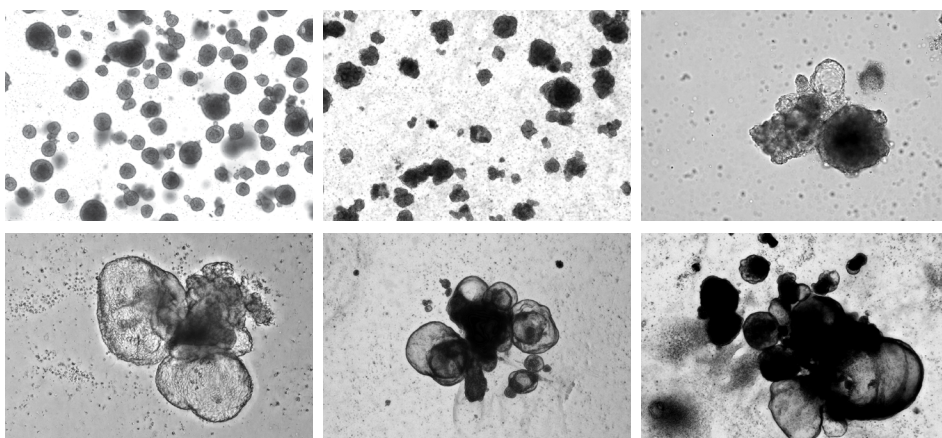


Figure 3: Use of RocketCell™ Organoid Essential-Core Medium, AOF in Generating iPSC-derived Liver Organoids. RocketCell™ Organoid Essential-Core Medium, AOF was prepared and supplemented with organoid-specific growth factors at different development stages until mature liver organoids are generated. Mature organoids were cultured in VitroGel® ORGANOID hydrogel and maintained.

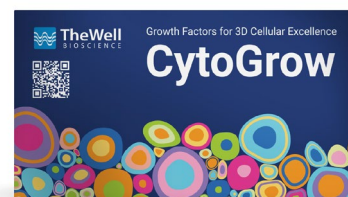
Kit Contents	Catalog No.
RocketCell™ Organoid Essential-Core Medium, AOF 1 x 500 mL, RocketCell™ Organoid Essential-Core Basal Medium, AOF 1 x 10 mL, RocketCell™ Organoid Essential-Core Supplement (50X), AOF 1 x 500 µL, Phenol Red (1000X)	RC04-OCM
RocketCell™ Organoid Essential-Core Medium, Minus Insulin, AOF 1 x 500 mL, RocketCell™ Organoid Essential-Core Basal Medium, AOF 1 x 10 mL, RocketCell™ Organoid Essential-Core Supplement (50X), Minus Insulin, AOF 1 x 500 µL Phenol Red (1000X)	RC04-OCM-MI
RocketCell™ Organoid Essential-Core Medium, Minus Vitamin A, AOF 1 x 500 mL, RocketCell™ Organoid Essential-Core Basal Medium, AOF 1 x 10 mL, RocketCell™ Organoid Essential-Core Supplement (50X), Minus Vitamin A, AOF 1 x 500 µL, Phenol Red (1000X)	RC04-OCM-MA

Related products



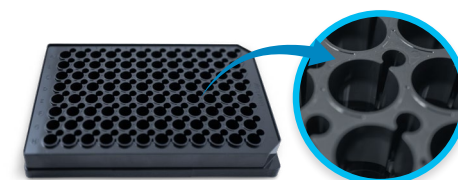
VitroGel® ORGANOID (1-5)

synthetic, chemically defined hydrogels that support the growth of patient-derived organoids or organoids developed from pluripotent stem cells (PSCs), co-culture, and PDX model.



CytoGrow™ Growth Factors

Premium quality growth factors with research-friendly price for advanced 3D/2D cell culture and beyond.



VitroPrime™ 3D Culture and Imaging Plate

Premium cover-glass bottom plate for zero disruption 3D cell culture workflow.

Plates Available: 6-well, 24-well, 96-well



Customer Testimonial ★★★★★

"When we used the Cyto3D® Live-Dead Assay Kit, we were able to obtain a very clear image without any unevenness in the well and almost no background staining on the gel."

We tried various reagents, but it was difficult because uneven staining occurred within or between the wells."

— from a Regenerative Medicine Company

Cyto3D® Live-Dead Assay Kit

Versatile, live/dead cell viability analysis for 3D and 2D cell culture.



Explore our End-to-End Animal Origin-Free Platform for 3D Cell Culture

