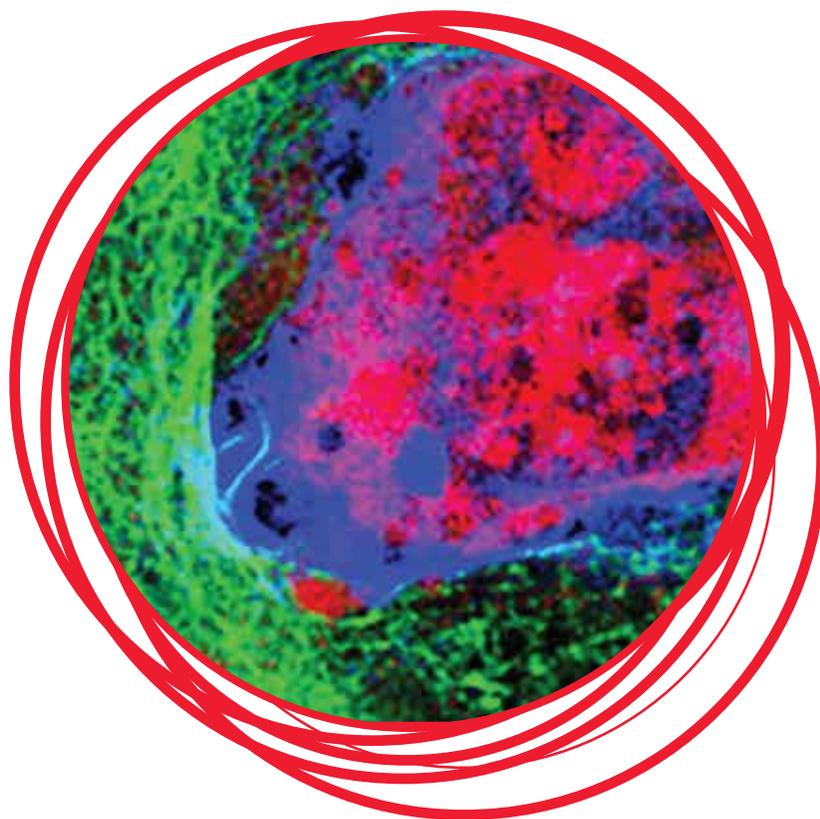


# HANABI Avatar™

## Organoid Growth Media

Optimized growth media for the establishment and propagation of organoids



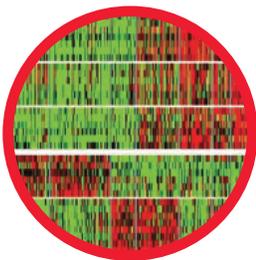
# Organoid Culture Kits

With growing ethical concerns about using live animals for in vivo experiments, researchers are increasingly utilizing in vitro models (organoids) to recapitulate the physiology and anatomy of living tissues.

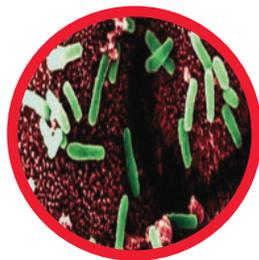
Organoids can be thought of as miniaturized and simplified models of organs derived from stem cells or primary tissue samples. These models are cultured in three-dimensional environments to imitate structural, chemical, and physiological aspects of organs in vitro. Organoid usage as a model has been rapidly growing in part due to improved culture techniques and more relevant physiological responses to respective organs as compared to other models.

## ADS Biotec provides organoid culture kits for various scientific applications:

- **Disease and tumor modeling**
- **Drug development and screening**
- **Organ replacement and tissue regeneration**
- **Host/microbe interaction**
- **Genetic editing**



Omic profiling



Host-microbe interaction



High-throughput drug screening



Gen editing (e.g. CRISPR)

## HANABI Avatar Organoid Culture Kits offer the following benefits:

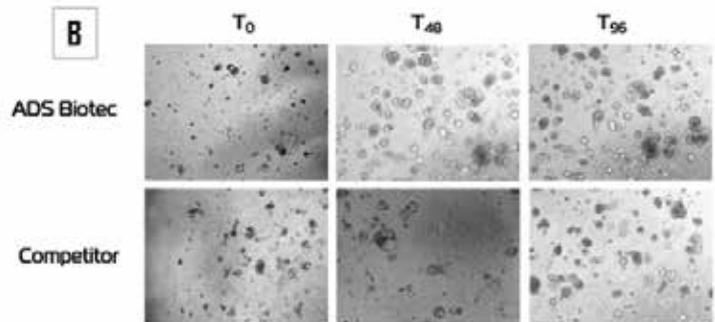
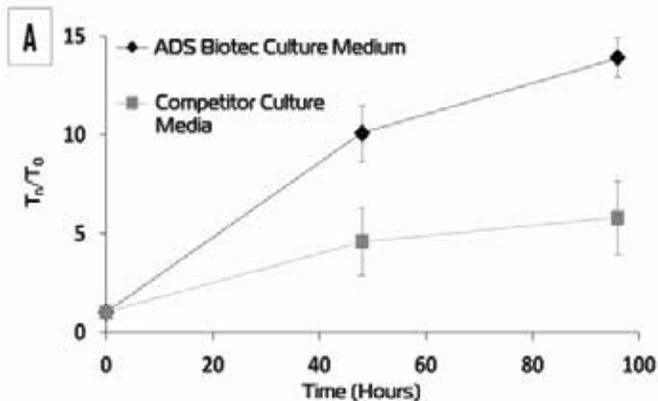
- All inclusive kits (no supplements needed)
- Easy-to-use protocol
- Long term culture
- 100% guaranteed product reliability supported by expert customer service to assist with culture troubleshooting

ADS Biotec offers optimized growth media for the establishment and propagation of organoids from the following tissues:



- HANABI Avatar™ Oviduct Organoid Growth Media - Human
- HANABI Avatar™ Oviduct Organoid Growth Media - Murine
- HANABI Avatar™ Colon Organoid Growth Media - Human
- HANABI Avatar™ Colon Organoid Growth Media - Murine
- HANABI Avatar™ Liver Organoid Growth Media - Murine

Media are produced for use with both normal and tumor tissues.



Comparison of HANABI Avatar Colon Organoid Growth Media Kit - Human to competitor kit.





**We provide Automated Instruments and Bioconsumables to enhance productivity in Cytogenetics, Molecular Genetics, and Pathology. With our expertise in RNA purification, and custom manufacturing, we accelerate innovation in Precision Medicine, Diagnostics, and Therapeutics.**

## **Order Information**

<b>Product Description</b>	<b>Catalogue Numbers</b>
HANABI Avatar™ Oviduct Organoid Growth Media Kit - Murine	709035
HANABI Avatar™ Oviduct Organoid Growth Media Kit - Human	709036
HANABI Avatar™ Colon Organoid Growth Media Kit - Murine	709037
HANABI Avatar™ Colon Organoid Growth Media Kit - Human	709038
HANABI Avatar™ Liver Organoid Growth Media Kit - Murine	709039