



# **Oviduct Organoid Growth Media Kit - Murine**

709035

**Instruction For Use**

**For Research Use Only**  
**Store products at -25°C to -15°C**

## 1. INTENDED USE

The Murine Oviduct Organoid Growth Media Kit is intended for use by laboratory professionals to culture and grow organoids derived from normal and tumor tissues. Organoids are suspended within a basement membrane extract (BME) dome and surrounded by the organoid media. Media is replaced regularly to ensure availability of nutrients to, and removal of waste from, the organoids. For research use only, not for diagnostic or therapeutic use.

## 2. COMPONENTS

Part Number	Contents	Amount
700005	Base Media	1x 100mL Bottle
700006	Media Supplement	1x 2mL Vial

## 3. MEDIA PREPARATION

The base media and supplement are provided frozen and should remain frozen until use. Use aseptic technique to prepare the Oviduct Organoid Media.

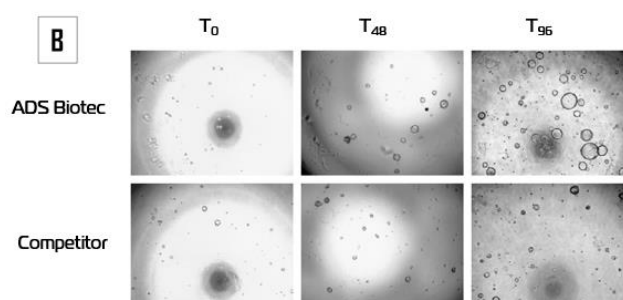
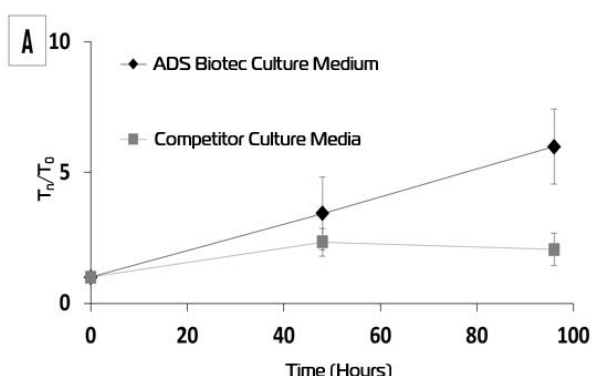
1. Thaw the media and vial at room temperature (15-25°C) for several hours with periodic mixing, or overnight in a refrigerator (2-8°C).
2. Aseptically add the supplement vial to the base media and thoroughly mix.
3. Filter the combined media through a 0.2µm filter (not included) to a new bottle/tube.

## 4. STORAGE CONDITIONS AND SHELF LIFE

Media and supplement are stable for up to 6 months when frozen.

After thawing and mixing, the complete media is best used within 1 month when stored between 2-8°C.

## 5. REPRESENTATIVE DATA



## 6. REFERENCES

- [1] Matano, M., et. al. Modeling colorectal cancer using CRISPR-Cas9-mediated engineering of human intestinal organoids. *Nature Medicine*. 2015, Mar; 21 (3). DOI: 10.1038/nm.3802
- [2] Sato, T., et. al. Single Lgr5 stem cells build crypt-villus structures in vitro without a mesenchymal niche. *Nature*. 2009, May 14; 459 (7244). DOI: 10.1038/nature07935

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## 7. GENERAL INFORMATION

### Manufacturer

Name: BioFuture Medicine.

Address: Polo tecnologico di Pordenone, Via Roveredo 20b, Pordenone, Italy 33170

Email: [info@biofuturemedicine.com](mailto:info@biofuturemedicine.com)

Web: [www.biofuturemedicine.com](http://www.biofuturemedicine.com)

### Supplier – North America

Name: ADS Biotec Inc.

Address: 7409 Irvington Rd. Omaha, NE 68122

Contact telephone: 1-402-800-3200

Email: [info@adsbiotec.com](mailto:info@adsbiotec.com)

Web: [www.adsbiotec.com](http://www.adsbiotec.com)

### Supplier – European Union

Name: ADS Biotec Limited

Address: 40 Watt Road, Hillington Park, Glasgow, UK

Postal Code: G52 4RY

Contact telephone: +44 (0)141 892 8800

Fax: +44 (0)141 883 5967

Email: [info@adsbiotec.com](mailto:info@adsbiotec.com)

Web: [www.adsbiotec.com](http://www.adsbiotec.com)

Registered in England and Wales.

Registered office: Birketts LLP, 22 Station Road, Cambridge, CB1 2JD

Company Registration No. 03257373