

0607-05

# Universal IVF Medium

**Symbol:**



Discard excess (unused) media following warming.

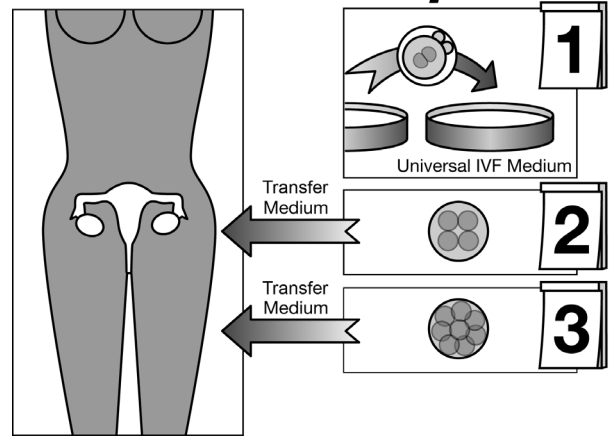
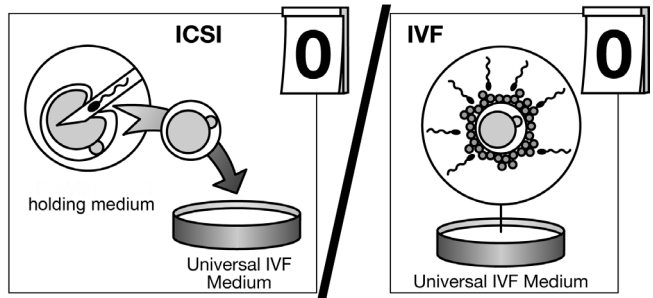
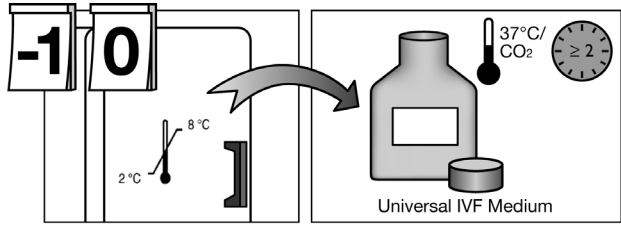
**Product No.:**

1030  
1031

**Customer Service:**  
E-mail: customerservice.medicult@origio.com  
Tel: +45 46 79 02 02 • Fax: +45 46 79 03 02



**ORIGIO a/s**  
Knardrupvej 2, DK-2760 Måløv, Denmark  
www.origio.com  
Tel: +45 46 79 02 00 • Fax: +45 46 79 03 00  
Distributor: ORIGIO AUSTRALASIA Pty Ltd



# Universal IVF Medium

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## Intended use

Universal IVF Medium is used for fertilization and culture until 2-8 cell stage. Can also be used for embryo transfer.

This product is for IVF treatment of women, whether the cause of infertility is male or female. The product should only be used by professionals trained in IVF treatment.

## Composition

Synthetic Serum Replacement (SSR)\*  
(USA: ART Supplement)

\* Contains Recombinant Human Insulin  
Human serum albumin (HSA)

Physiological salts

Glucose

Sodium pyruvate

Sodium bicarbonate

Gentamicin sulphate 10µg/ml

Phenol Red (not Product No. 1030)

## Quality control testing

Sterility tested (Ph.Eur., USP)

Osmolality tested (Ph.Eur., USP)

pH tested (Ph.Eur., USP)

Endotoxin tested  $\leq 0.1$  EU/ml (Ph.Eur., USP)

1 cell Mouse Embryo Assay (MEA)  $\geq 80\%$

Blastocysts by 96h

**Note:** The results of each batch are stated on a Certificate of Analysis, which is available on [www.origio.com](http://www.origio.com).

## Storage instructions and stability

The products are aseptically processed and supplied sterile.

Store in original container at 2-8°C, protected from light.

When stored directed by the manufacturer the product is stable until the expiry date shown on the vial label.

Do not freeze.

The product is provided in vials intended for single use.

Excess (unused) media should be discarded.

## Precautions and warnings

Do not use the product if:

1. Product packaging appears damaged or if the seal is broken.
2. Expiry date has been exceeded.

**Caution:** All blood products should be treated as potentially infectious. Source material from which this product was derived was found negative when tested for antibodies to HIV, HCV, and non-reactive for HBsAg, HCV RNA and HIV-1 RNA. No known test methods can offer assurance that products derived from human blood will not transmit infectious agents

The potential risk of reproductive or developmental toxicity due to the use of IVF media has not been determined and is still unknown.

## Instructions for use

1. Equilibrate for a minimum of 2 hours in 5-6% CO<sub>2</sub> at 37°C prior to use.
2. Recover oocytes as usual and prepare sperm according to preferred procedure.
3. Carry out fertilization (Day 0) in pre-equilibrated Universal IVF Medium. Where ICSI is required the injection is performed in pre-warmed holding medium.
4. At 16-20 hours (Day 1), check for formation of pronuclei, then carefully wash and transfer zygotes to fresh 50 µl microdrops or 0.5 ml wells/dishes of Universal IVF Medium covered with Liquid Paraffin.  
*The embryos should be cultured singly or in multiples to a maximum of 4 per well.*

Embryo transfer at Day 2 or Day 3

1. The embryos are prepared and transferred to the uterus in 20 to 30 µl of pre-equilibrated transfer medium or fresh Universal IVF Medium.
2. Flush the transfer catheter with chosen transfer medium prior to use.