

# Universal IVF Medium

**Product No.:**

1030

1031

**Customer Service:**

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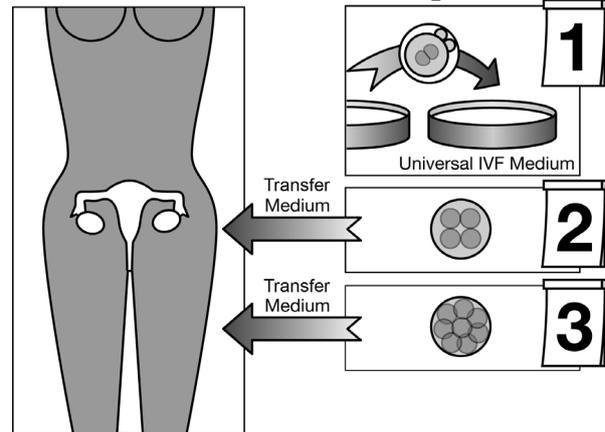
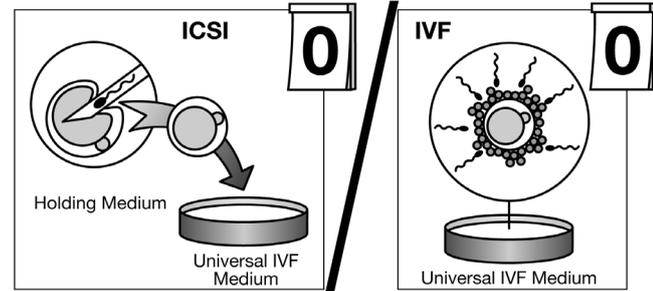
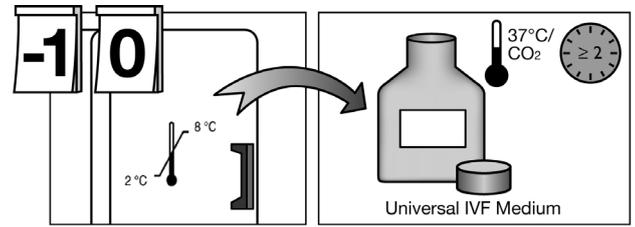
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## Intended use

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

## Composition

Synthetic Serum Replacement (SSR®)\*

(USA: ART Supplement)

\* Contains Recombinant Human Insulin

Human serum albumin (HSA)

Glucose

Sodium pyruvate

Physiological salts

Sodium bicarbonate

Gentamicin sulphate 10µg/mL

Phenol Red (not product 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

Store in original container at 2-8°C,

protected from light.

Do not freeze.

Discard excess (unused) media following warming.

The product is to be used within 7 days after opening.

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

## 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 used to manufacture this product were tested and found non-reactive for HbsAg and negative for Anti-HIV-1/-2, HIV-1, HBV, and HCV. Furthermore source material have been tested for parvovirus B19 and found to be non-elevated. No known test methods can offer assurances that products derived from human blood will not transmit infectious agents.

**Caution:** US federal law restricts this device to sale by or on the order of a physician (Rx only).

## 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 preferred 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 oil. *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.
2. Flush the transfer catheter with chosen transfer medium prior to use.