SAGE™ Vitrification Warming Kit

Product No.
ART-8031

--

Customer Service
E-mail: customer.service@origo.com
Tel.: +45 46 79 02 02
Fax: +45 46 79 03 02

ORIGO a/s
A CooperSurgical Company
Knarrupvej 2
DK-2760 Måløv
Denmark
www.origo.com
Tel.: +45 46 79 02 02
Fax: +45 46 79 03 00

SAGE

PACKAGING AND DISPENSATION
Pack size
ART-8031-A: 1 x 2 mL, vial
ART-8031-B: 2 x 2 mL, vial
ART-8031-C: 2 x 2 mL, vial

--

Indication for use
SAGE Vitrification Warming Kit is intended for use in the thawing of vitrified oocytes (MII), pronuclear (PN) zygotes through day 3 cleavage stage embryos and blastocyst stage embryos.

Product Description
1.0 M Sucrose Warming Solution (ART-8031-A) is a MPS-bufffered solution of modified HT containing non-essential and essential amino acids, gentamicin sulfate (10 µg/mL) and 12 mg/mL human albumin.

5.5 M Sucrose Warming Solution (ART-8031-B) is a MPS-bufffered solution of modified HT containing non-essential and essential amino acids, gentamicin sulfate (10 µg/mL) and 12 mg/mL human albumin.

0.5 M Sucrose Warming Solution (ART-8031-C) is a MPS-bufffered solution of modified HT containing non-essential and essential amino acids, gentamicin sulfate (10 µg/mL) and 12 mg/mL human albumin.

Package
ART-8031-A: 10.0 M Sucrose Warming Solution (1W WS)
ART-8031-B: 0.5M Sucrose Warming Solution (0.5M WS)
ART-8031-C: MPSOS Solution (MS)

--

PRECAUTIONS AND WARNINGS
Warming: This long-term stability of vitrification on embryos born from this procedure is unknown.

Warming: This media product includes the antibiotic gentamicin sulfate. Appropriate precautions should be taken to ensure that the patient is not sensitized to this antibiotic.

Caution: Federal law restricts this device to sale by or on the order of a physician or trained in its use (Rx Only).

Caution: This product contains albumin, a derivative of human blood.

Caution: All blood products should be treated as potentially infectious. Source material from which this product was derived was labelled and noted to be non-reactive for HIV-1/HIV-2, HBV, HCV and Parvovirus B19 and found to be non-reactive. No known test methods offer assurance that products derived from human blood will not transmit infectious agents.

Caution: Do not use if the product becomes discoloured, cloudy, turbid, or shows any evidence of microbial contamination.

Caution: Do not use the product if packaging appears damaged in the expiry date shown on the label.

Caution: Do not use if the product shows any evidence of microbial contamination.

Caution: Do not use if the product becomes discoloured, cloudy, turbid, or shows any evidence of microbial contamination.

---

WARMING AND DILUTION PROTOCOL
The warming and dilution procedure is to be performed at 35-37°C. Use a heated microscope stage for the procedures below.

1. Fill a suitable reservoir with enough liquid nitrogen to completely submerge the carrier to be warmed.

2. Quickly transfer the carrier to the reservoir while keeping it submersed under liquid nitrogen. Place reservoir close to the work station.

3. Once the media and dishes have reached 37°C and just before use, mix vial contents and aspirate dispense 0.5–4 mL 1M WS dependent on carrier and warming process. 0.5 mL 0.5M WS and 2 x 0.25 mL WS into the dishes (see Figure 1).

4. Prepare the preferred carrier as recommended by the manufacturer and quickly (within 2 seconds) transfer the specimen(s) from the liquid nitrogen into 1M WS. This step(s) will float from the devices into the 1M WS. Leave them in this solution for one minutes. They will remain shrunken and float to the top of the drop.

5. Draw up some 0.5M WS into the transfer pipette and transfer the specimen(s) from the 1M WS to 0.5M WS. Leave them in this solution for one minute. They will remain shrunken during exposure to 0.5M WS. Leave them in this solution for one minute.

6. Transfer the specimen(s) to the bottom of the drop (MS1) in minimal volume.

7. Leave specimen(s) in MS1 for 5 minutes before moving specimen(s) to the second MS drop (MS2) for another 5 minutes.

8. After the 10 steps, transfer specimen(s) to the preferred media equilibrated according to the manufacturer’s recommendations. We recommend that you allow recovery in a CO2 incubator for 1.5 hours before further manipulation and 2 hours before transfer.

---

Figure 1

Key
1 M WS
0.5M WS
MS1
MS2
Transfer specimen(s) to next well

---