

# Sage 1-Step™

## with Human Serum Albumin

### Product No.:

6701

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a CooperSurgical Company

## SAGE 1-Step™ with Human Serum Albumin

### Indication for use

This product is intended for the *in vitro* culture of human embryos following fertilization until Day 5/6 of development. The medium can also be used for embryo transfer.

### Composition

Amino acids  
Calcium lactate  
EDTA  
Gentamicin sulphate 10 µg/mL  
Glucose  
L-glutamine (stable form)  
Human serum albumin (HSA)  
Sodium bicarbonate  
Sodium hyaluronate  
Sodium pyruvate  
Phenol red  
Physiological salts

### Quality control testing

Sterility tested (Ph.Eur., USP)  
Osmolality tested 257-273 mOsm/kg (Ph.Eur., USP)  
pH tested 7.2-7.4 (Ph.Eur., USP)  
Endotoxin tested < 0.15 EU/mL (Ph.Eur., USP)  
1-cell Mouse Embryo Assay (MEA) ≥ 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 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:** U.S. federal law restricts this device to sale by or on the order of a physician (Rx only).

**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.

### Instructions for use

1. Equilibrate for a minimum of 2 hours in 5-6% CO<sub>2</sub> at 37°C prior to use. It is recommended that the pH of the medium is measured under laboratory working conditions and the level of CO<sub>2</sub> adjusted to attain the desired pH range for optimal embryo development. The desired pH range for SAGE 1-Step™ is 7.3 ± 0.1.
2. After fertilization, transfer zygotes to fresh pre-equilibrated SAGE 1-Step™ and return the dish to the incubator.
3. The SAGE 1-Step™ has been designed for uninterrupted culture, without media change, until the desired developmental stage of the embryo has been reached.

### Embryo transfer

1. The embryos are prepared and transferred to the uterus in 20 to 30 µl of fresh pre-equilibrated SAGE 1-Step™.
2. Flush the transfer catheter with SAGE 1-Step™ prior to use.