



ORIGIO® CULTURE MEDIA

SAGE 1-Step™

The single step medium for
uninterrupted embryo culture



SAGE 1-Step with Human Serum Albumin (HSA)

Provides continuous support to the embryo throughout extended culture, hence there is no need to refresh the medium, which ensures a simplified protocol while maintaining embryo utilization and pregnancy rates. Ideal for time lapse.

- Hyaluronan in combination with HSA to promote embryo development and cryo survival
- Optimised energy substrates D-glucose and L-lactate levels supporting uninterrupted continuous culture
- Designed to reduce ammonium build-up through the use of a stable glutamine source
- High Mg2 to Ca2+ ratio to limit detrimental stress-induced calcium influx into the embryo
- Use of bioactive L-lactate for better control of intracellular pH

SAGE 1-Step is intended for the in vitro culture of human embryos following fertilization until blastocyst stage, and can be used for continuous culture. The medium can also be used for embryo transfer.

Product Specifications

- Recommended pH (6% CO₂): 7.3±0.1
- HSA: 5 mg/ml
- Osmolality (mOsm/kg): 257–273 mOsm/kg
- Mouse embryo assay (MEA): >80% (BL Rate/1-cell)
- Shelf life is 26 weeks from date of manufacture, shelf life after opening is 7 days
- Ready to use

Components

- Sodium hyaluronate
- Energy substrates
- Phenol red
- HSA
- EDTA
- Essential amino acids
- Physiological salts
- Gentamicin sulfate
- Non-essential amino acids



Product Code	Product Name	Volume (mL)	Article Description
67010010	SAGE 1-Step	10	With HSA and phenol red
67010060	SAGE 1-Step	60	With HSA and phenol red