

SAGE 1-Step™ Medium



The single step medium for
uninterrupted embryo culture



CooperSurgical®
Fertility Solutions

SAGE 1-Step™ Medium with Serum Protein Supplement (SPS)

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.

- Optimized energy substrates D-glucose and L-lactate supporting uninterrupted continuous culture
- Designed to reduce ammonium build-up through the use of a stable glutamine source
- High Mg^{2+} to Ca^{2+} 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 (5-6% CO_2^*): 7.3 ± 0.1
- SPS: 5 mg/ml
- Osmolality: 257–273 mOsm/kg
- Mouse embryo assay (MEA): >80% (BL Rate1-cell)
- Shelf life is 26 weeks from date of manufacture, shelf life after opening is 7 days
- Ready to use

Components

- SPS
- Physiological salts
- Energy substrates
- EDTA
- Gentamicin sulfate
- Phenol red
- Essential amino acids
- Non-essential amino acids

Product Code	Product Name	Volume (mL)	Article Description
67020010	SAGE 1-Step	10	With SPS and phenol red
67020060	SAGE 1-Step	60	With SPS and phenol red

*At sea level

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CooperSurgical, Inc. | Tel: 1-800-648-1151 | cooper surgical.com



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