

Ordering Information

[Certain Market Restrictions Apply]

SAGE® Cryopreservation Media
Preservation for life...

SAGE® Vitrification and Warming Kits

ART-8025 SAGE Vitrification Kit contains:
■ 1 x 2 mL Equilibration Medium
■ 1 x 2 mL Vitrification Medium

ART-8025-HSV SAGE Vitrification Kit with Cryo Bio System™ HSV Straws (8 straws)
ART-8030 SAGE Vitrification Warming Kit contains:
■ 1 x 4 mL 1.0 M Sucrose Warming Medium
■ 0.5 M Sucrose Warming Medium
■ 1 x 6 mL MOPS Solution

Quinn's Advantage® Embryo Freeze Kit

ART-8014 Quinn's Advantage Embryo Freeze Kit contains:
■ 2 x 12 mL 1.5 M Propanediol, 0.1 M Sucrose Freezing Medium with 12 mg/mL Human Serum Albumin
■ 2 x 12 mL 1.5 M Propanediol Freezing Medium with 12 mg/mL Human Serum Albumin
■ 1 x 12 mL Freeze Thaw Diluent Solution with 12 mg/mL Human Serum Albumin

Quinn's Advantage® Blastocyst Freeze Kit

ART-8015 Quinn's Advantage Freeze Kit contains:
■ 1 x 12 mL 5% Glycerol Freezing Medium with 12 mg/mL Human Serum Albumin
■ 1 x 12 mL 9% Glycerol with 0.2 M Sucrose Freezing Medium with 12 mg/mL Human Serum Albumin
■ 1 x 12 mL CryoKit Solution with 12 mg/mL Human Serum Albumin

Quinn's Advantage® Thaw Kit

ART-8016 Quinn's Advantage Thaw Kit contains:
■ 1 x 12 mL 0.5 M Sucrose Thawing Medium with 12 mg/mL Human Serum Albumin
■ 1 x 12 mL 0.2 M Sucrose Thawing Medium with 12 mg/mL Human Serum Albumin
■ 1 x 12 mL CryoKit Diluent Solution with 12 mg/mL Human Serum Albumin

CSC Media Kit

ART-8017 CSC Freezing Medium for the cryopreservation of the embryo contains:
■ 1 x 10 mL Choline Chloride Embryo Freeze Medium

ART-8018 CSC Thawing Medium for the thawing of embryo cryopreserved with ART-8017 contains:
■ 4 x 2 mL 0.5 M Sucrose CSC Thawing Medium
■ 4 x 2 mL 0.2 M Sucrose CSC Thawing Medium
■ 4 x 4 mL Thawed Embryo Washing Medium



- CSC Media (Choline Substituted Cryopreservation)
- Quinn's Advantage® Embryo Freeze Kit
- Quinn's Advantage® Blastocyst Freeze Kit
- Quinn's Advantage® Thaw Kit
- SAGE® Vitrification Solutions



SAGE® In Vitro Fertilization
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Dr. R. Sujatha, Scientific Director and Senior Embryologist at Craft Hospital and Research Center reported, "We recently used the SAGE Vitrification Media on seventeen embryos retrieved from three different patients. Ten of the embryos were subsequently thawed and successfully cultured overnight with no loss of blastomeres. To our delight, two of the three patients receiving a transfer are now pregnant. In our hands, we found the SAGE Vitrification Media easy to use and delivered positive results for our patients. We plan to continue using the product line when vitrification is employed."

Cryopreservation Solutions

Cryopreservation is an important process used in IVF clinics to extend the viability of embryos and expand patient options. As the industry continues to grow and opportunities for patients to conceive improve, efficient cryopreservation has several advantages, including reduction of costs and improvement in cumulative pregnancy rates. The two cryopreservation methods currently used are slow freeze/rapid thaw and vitrification. As seen in the chart below, SAGE In Vitro Fertilization offers a portfolio of cryopreservation media optimized for key cell stages.



Part Number	Benefits/Features	Cryopreservation Method		Cell Stage			
		Slow Freeze	Vitrification	Oocyte	Pronuclear Zygote	Cleavage Embryo	Blastocyst
Freezing							
ART-8025	<p>SAGE® Vitrification Kit</p> <ul style="list-style-type: none"> Eliminates ice crystal formation, resulting in increased human blastocysts survival rates - Blastocyst survival rates of 96% with vitrification vs. 91% for slow freeze** MOPS buffered formulation of HTF Medium 		x	●	x	x	x
ART-8014	<p>Quinn's Advantage® Embryo Freeze Kit</p> <ul style="list-style-type: none"> Our Quinn's Advantage Embryo Freeze yields high pregnancy rates and has performed exceptionally well based on clinical studies conducted by SAGE and our colleagues** 	x			x	x	
ART-8015	<p>Quinn's Advantage® Blastocyst Freeze Kit</p> <ul style="list-style-type: none"> Uses established "Menezo" method of glycerol and sucrose High success rates using correct methodology and good quality blastocysts** 	x					x
ART-8017	<p>CSC Freezing Media</p> <ul style="list-style-type: none"> Choline Substituted Cryopreservation based embryo cryopreservation media prevents intracellular sodium overload and stabilizes the cell membrane during cryopreservation HEPES buffered HTF, which maintains a stable pH level despite changes in carbon dioxide during exposure to the medium at ambient room conditions, and is an effective buffering agent for maintaining enzyme structure and function at low temperatures 	x		●	x	x	
Warming							
ART-8030	<p>SAGE® Vitrification Warming Kit</p> <ul style="list-style-type: none"> Allows for rapid and efficient removal of intracellular cryoprotectant Blastocyst survival rates of 96% with vitrification vs 91% for slow freeze** MOPS buffered formulation of HTF Medium 		x	●	x	x	x
ART-8018	<p>CSC Thaw Media</p> <ul style="list-style-type: none"> Provides alternative media for slow freezing cryopreservation Successfully used for early stages of development** 	x		●	x	x	
ART-8016	<p>Quinn's Advantage® Thaw Kit</p> <ul style="list-style-type: none"> Allows for rapid and efficient removal of intracellular cryoprotectant 	x			x	x	x

Table - x Cleared in the USA

● Not cleared in the USA (Limited studies are available in the literature describing vitrification of oocytes. The decision to use product for vitrification of oocytes is dependent on the individual IVF center's review of the literature as to safety and efficacy for this indication as well as governmental restriction.)

** Data on file