

Vitrification

A full range of vitrification products

Maximize storage efficiency with the unique hexagonal shape of our VitriGuard® carriers

SAGE®
Warming Kit
Up to 16ml of
TS volume



CooperSurgical®
Fertility Solutions

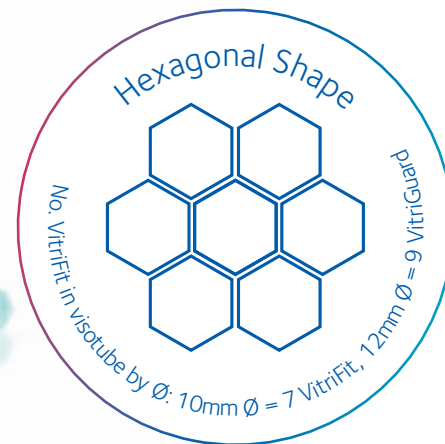
VitriGuard® Carrier



Designed to fit every need

Successful vitrification requires an efficient vitrification carrier. The VitriGuard® carrier is designed to maximize efficiency and flexibility – both in shape and function. The innovative hexagonal shape allows tighter packaging during storage, increasing storage efficiency by up to 50% compared with other popular carriers.

The loading area is curved for easy loading and the protection of specimens. All parts are made from the same material, making VitriGuard robust and ensuring a perfect fit between handle and cap during assembly and storage.



Benefits

- Fits all media systems and can be used for all stages
- Hexagonal shape for optimal storage efficiency
- Visual markings to ensure correct orientation
- Curved loading area for easy loading and specimen protection

Vitrification media



Simple, Flexible, Reliable

Vitrification is now the preferred choice for cryopreservation of human oocytes, embryos and blastocysts.

Clinical outcomes obtained from vitrification normally exceed those from slow freezing, and reports of comparable pregnancy and implantation rates from fresh and vitrified cases are becoming more frequent.

ORIGIO® and SAGE® vitrification kits offer efficiency and flexibility to meet most preferences.

The vitrification kit you need

Documented efficiency

SAGE® Vitrification Kits

For human oocytes, embryos and blastocysts

94% MII oocyte survival rate¹

97% embryo survival rate²

98% blastocyst survival rate³

ORIGIO® Vitrification Kits

For human embryos

92% oocyte survival rate⁴

Benefits

- Ready-to-use cooling media kit with or without DMSO
- Simple user-friendly protocols
- Fits all carriers
- Colored caps
- Increased volume in Warming Kit ART-8034



Our range of media products

DMSO

SAGE® Vitrification Kits

Ref No.	Cap Color	Description	Unit Size
ART-8025	○	Equilibration Solution	1x2 mL
	●	Vitrification Solution	1x2 mL
ART-8026	○	Equilibration Solution	2x2 mL
	●	Vitrification Solution	2x2 mL

SAGE® Warming Kits

Ref No.	Cap Color	Description	Unit Size
ART-8030	●	1.0 M Sucrose Warming Solution	1x4 mL
	●	0.5 M Sucrose Warming Solution	1x2 mL
	●	MOPS Solution	2x6 mL
ART-8031	●	1.0 M Sucrose Warming Solution	2x2 mL
	●	0.5 M Sucrose Warming Solution	2x2 mL
	●	MOPS Solution	2x2 mL
ART-8034	●	1.0 M Sucrose Warming Solution	8x2 mL
	●	0.5 M Sucrose Warming Solution	2x2 mL
	●	MOPS Solution	2x2 mL

VitriGuard® Vitrification Carrier

Individually wrapped (20 per box)

Clear (43782001)	Blue (43792001)	Green (43802001)	Yellow (43812001)
Lime (43822001)	Purple (43842001)	Orange (43852001)	Pink (43862001)

Packs of 5 (10 packs per box)

Clear (43785005)	Blue (43795005)	Green (43805005)	Yellow (43815005)
Lime (43825005)	Purple (43845005)	Orange (43855005)	Pink (43865005)

Learn more about our cryopreservation products at coopersurgical.com

- Selman, H. et al., 2010. Pregnancies and deliveries after injection of vitrified-warmed oocytes with cryopreserved testicular sperm. *Fertility and Sterility*, 94(7), pp. 2927-2929.
- Selman, H. et al., 2009. Vitrification is a highly efficient method to cryopreserve human embryos in in vitro fertilization patients at high risk of developing ovarian hyperstimulation syndrome. *Fertility and Sterility*, 91(4), pp. 1611-1613.
- Wan, C.-Y. et al., 2014. Laser-assisted hatching improves clinical outcomes of vitrified warmed blastocysts developed from low-grade cleavage-stage embryos: a prospective randomized study. *Reproductive BioMedicine Online*, 28(5), pp. 582-589.
- Cao, Y.-X., Xing, Q., Li, L., Cong, L., Zhang, Z.-G., Wei, Z.-L. and Zhou, P. (2009). Comparison of survival and embryonic development in human oocytes cryopreserved by slow-freezing and vitrification. *Fertility and Sterility*, 92(4), pp.1306-1311.

© CooperSurgical, Inc. The trademarks used herein are the property of CooperSurgical, Inc. All rights reserved. Order No. CRY_BRO_0002_US_US_V4. June 8, 2023. All information correct at time of print. Specifications are subject to change without notice or obligation on the part of the manufacturer.

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

DMSO FREE

ORIGIO® Vitrification Cooling

Ref No.	Description	Unit Size
12284001	Equilibration Solution	2x1 mL
	Vitrification Solution	2x1 mL

ORIGIO® Vitrification Warming

Ref No.	Description	Unit Size
12295002	1.0 M Sucrose Warming Solution	1x2 mL
	0.5 M Sucrose Dilution 1 Medium	1x2 mL
	0.25 M Sucrose Dilution 2 Medium	1x2 mL
	Washing Medium	2x2 mL



CooperSurgical®
Fertility Solutions