AMPHOTERICIN B SUPPLEMENTED CORNEAL STORAGE MEDIA

SDSEB IS NOW OFFERING THE ONLY FDA APPROVED AMPHOTERICIN B SUPPLEMENTED MEDIA AVAILABLE IN THE U.S.

KERASAVE is validated to store corneal tissue at 4°C for up to 14 days.

Kerasave media is FDA approved to be used with a slow-release tablet that maintains a 2.5 µg/ml concentration of Amphotericin B in solution for up to 14 days. This concentration has demonstrated to have effective antifungal activity while not having adverse effects on corneal endothelium.

To learn more about Amphotericin B supplementation, please reach out to our team at eyebank@dcids.org.

ALCHIMIA

Sierra Donor Services Eye Bank
an extraordinary commitment to science, health and hope

REFERENCES

A new storage medium containing amphotericin B versus Optisol-GS for preservation of human donor corneas
Mistò R.; Giurgola L.; Pateri F.; Limongelli A.; Ragazzi E.; D'Amato Tóthová J. - British Journal of Ophthalmology 2020, Nov 10, 2020

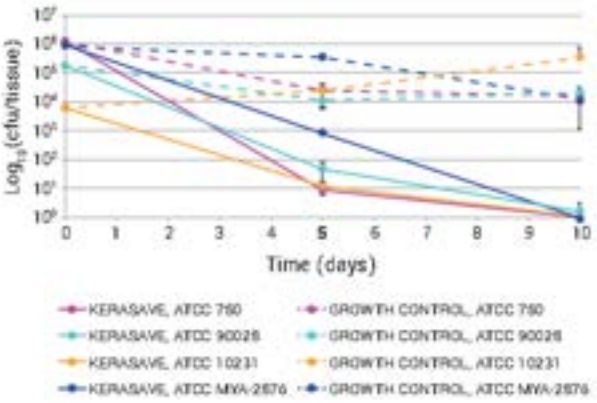
Performance of new hypothermic corneal storage media with an antimycotic tablet in comparison to traditional hypothermic media during simulated eye bank processing
Perry I.; Peterson K.; D'Amato Tóthová J.; Tramber M.; Botsay S.; Tremblay D. - Cornea: April 13, 2020

Antimycotic efficacy and safety of a new cold corneal storage medium by time–kill and toxicity studies
Giurgola L.; Gatto C.; Parel J.M.; Miller D.; D'Amato Tóthová J. Cornea Oct;38(10):1314-1321, 2019

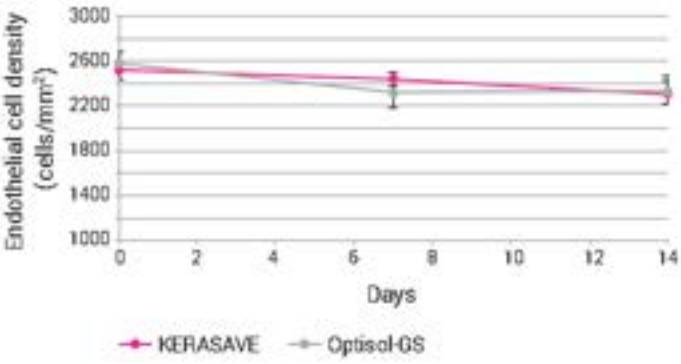
Efficacy and safety of various amphotericin B concentrations on candida albicans in cold storage conditions
K.D. Tran, PhD; B.T. Aldrich, PhD; J. D'Amato Tóthová, PhD; J.M. Skeie, PhD; C.M. Kondratick, PhD; L. Giurgola, MSc; C. Gatto, MSc, C.R. Reed, RN, PhD; G.A. Schmidt, BS, CEBT; M.A. Terry, MD; M.A. Greiner, MD - Cornea: June 13, 2019

RESEARCH

Time-kill on porcine corneas contaminated with
C. tropicalis (ATCC 750),
C. albicans (ATCC 10231),
C. albicans (ATCC 90028) and
C. albicans (ATCC MYA-2876)



Endothelial cell density in donor corneas stored in KERASAVE and Optisol-GS for 14 days at 4°C



Days	ECD (cells/mm²) using specular microscopy, Konan		Student's t-test for independent samples
	KERASAVE (n=16)	Optisol-GS (n=16)	
0	2521	2578	p = 0,6567
7	2437	2213	p = 0,4767
14	2332	2332	p = 0,8863

Alchimia. (2021). KERASAVE: MKT-292 REV. 2, [Brochure]