

Who We Are

CaseBioscience[®] is an ISO 13485:2016 Certified Manufacturer of Sterile BioSolutions used for cell biopreservation or in vitro culture where Good Manufacturing Practices (GMP), quality, traceability, documentation, and compliance are important for any preclinical research or medical applications. As a Quality driven cGMP biosolutions manufacturer, our capabilities extend to cGMP custom media manufacturing, media development and optimization, rapid high quality prototyping, and classical media and buffer manufacturing with the lowest endotoxin levels.



CaseCryo[®] DMSO & CaseCryo[®] NON-DMSO

CaseCryo DMSO and CaseCryo NON-DMSO are chemically defined, advanced and unique formulations offering a safer alternative for cryopreservation in CGT. Both formulations have been optimized for hPSCs and have also displayed excellent recovery of many human cell types including HEK293, NK-cells, T-cells, NSCs, and Neurons.

Features & Benefits

- improved long-term cell integrity and genomic stability
- ISO 13485:2016 certified
- cGMP manufactured
- batch-to-batch consistency
- stringent QC testing
- customizable
- sizes: 50ml, 100ml
- storage temp.: 2-8°C
- shelf life: 1 year

WiCell[®] tested CaseCryo NON-DMSO and CaseCryo DMSO and concluded they meet all requirements for quality and maintain genomic integrity through cryopreservation, making them suitable for use in pluripotent stem cell culture.

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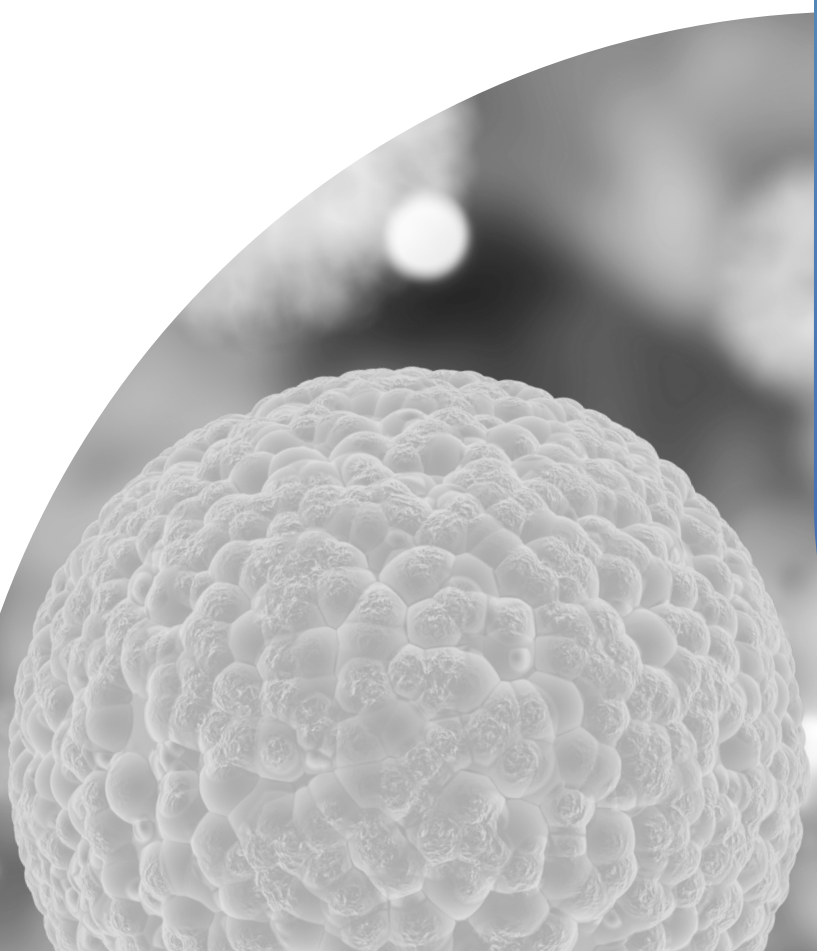
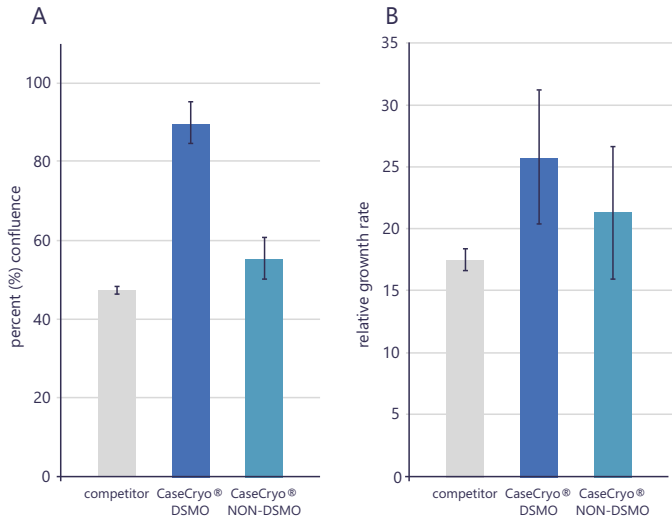




Figure 1:
CaseCryo® DMSO and CaseCryo® NON-DMSO have improved viability and long-term expansion of hPSCs versus a leading commercially available Cryopreservation solution.



A. Quantification of cell confluence (area occupied by hPSC colonies) indicates a greater survival/growth of cells previously cryo-preserved in CaseCryo® DMSO and CaseCryo® NON-DMSO after 4 days in culture.

B. Relative growth rate measured by the change of confluence over time also indicates that cells stored in CaseCryo® DMSO and CaseCryo® NON-DMSO have better survival and growth potential than a leading competitor after 4 days in culture.

Figure 2:
T-cells display > 2-fold better long-term cell recovery in 1 donor with CaseCryo DMSO and CaseCryo NON-DMSO, versus the leading competitor.

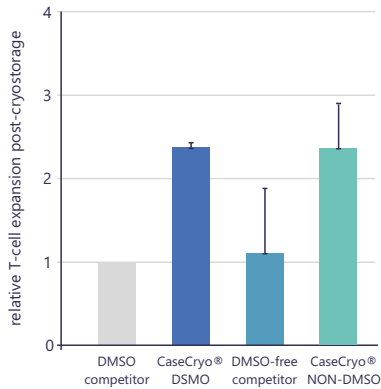
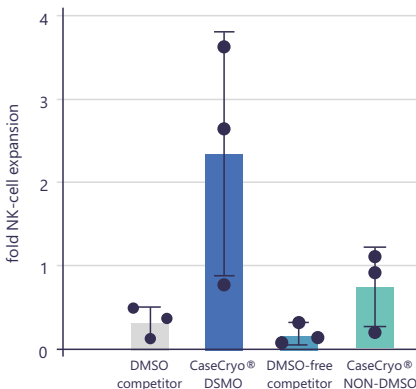


Figure 3:
NK-cells display improved long-term survival and growth for all 3 donors with CaseCryo DMSO and CaseCryo NON-DMSO, versus the leading competitor.



Product list

for research use only

GMP CRYOPRESERVATION MEDIA

Product name	cat. #	size
CaseCryo® NON-DMSO optimized, protein-free	CCND-050	50 ml
	CCND-100	100 ml
	CCND-500	500 ml
CaseCryo® DMSO 10% optimized, protein-free	CCD1-050	50 ml
	CCD1-100	100 ml
	CCD1-500	500 ml
CaseBase™ Washing Medium	CBWM-100	100 ml
	CBWM-500	500 ml
CaseBase™ Dissociation Medium	DISS-100	100 ml

GMP CLASSICAL BUFFERS & CULTURE MEDIA

Contract Manufacturing

Product name	cat. #	size
PBS1X with Ca Mg	PBS1X-500	500 ml
	PBS1X-1000	1000 ml
DPBS without Ca Mg	DPBS-500	500 ml
	DPBS-1000	1000 ml
HEPES Buffer (1M)	HEPE-100	100 ml
DMEM, 1X (Dulbecco's modified Eagle's medium) with 4.5 g/L glucose, L-glutamine & sodium pyruvate	DMEM-1000	1000 ml
MEM Non-Essential Amino Acids (10mM)	MEMN-100	100 ml
WFI Quality H2O	WFIH-1000	1000 ml
KSOMaa	KSOM-050	50 ml