

# CaseCryo® NON-DMSO



## catalog no

## size

CCND-50

50 ml

CCND-100

100 ml

CCND-500

500 ml

Other sizes are available through custom ordering.



## features

- chemically defined
- animal-component-free
- protein-free
- cGMP manufactured
- batch-to-batch consistency
- stringent QC testing
- customizable

### PRODUCT DESCRIPTION:

Liquid Sterile-Bottled 1X Cryopreservation Media

Manufactured by CaseBioscience® Inc. in an ISO 13485:2016 certified facility under cGMP guidelines.

CaseCryo® NON-DMSO is a ready-to-use, chemically defined, completely animal-component-free and protein-free freezing medium with optimized alternative cryoprotectants eliminating the need for DMSO. This medium has been specially formulated and empirically tested for the cryopreservation of human pluripotent stem cells (hPSCs) and other human cell types. In direct comparisons to other commercially available DMSO-free freezing media, CaseCryo® NON-DMSO displays vastly superior viable cell recovery and long-term cell function and expansion. CaseCryo® NON-DMSO being serum-free and animal-component-free, reduces immunogenicity providing a safer alternative to other freezing media. CaseCryo® NON-DMSO has been optimized for hPSCs, but it is versatile and displays excellent recovery of cell types derived from hPSCs and other human cells including HEK293 cells.

This product can be used synergistically with CaseBase™ Dissociation Medium (Cat. # DISS-100) and CaseBase™ Washing Medium (Cat. # CBWM-100) to improve cell survival and function in cryopreservation workflows.

### INTENDED USE:

For use in cell culture and cryopreservation workflows. For research use only and not intended for injection or clinical application.

### QUALITY ASSURANCE:

Each batch undergoes stringent quality control to include pH, endotoxin LAL, and 14-day sterility testing to assure that there is no evidence of bacterial or fungal contamination after incubation in fluid thioglycolate and soybean-casein digest media per current USP; 21 CFR, Part 610.12.

All CaseBioscience® manufactured products are membrane filtered and aseptically processed according to manufacturing procedures, which have been validated to meet a sterility assurance level (SAL) of 10<sup>-3</sup>, in an ISO 13485:2016 certified facility. All results are reported on a lot-specific Certificate of Analysis, which is available upon request.

### SHIPPING CONDITION:

Shipped at 2-8°C in an insulated container with cold packs. Upon receipt, immediately store at 2-8°C.

## STORAGE INSTRUCTIONS:

Store the unopened bottles at 2-8°C, protected from light. See label for expiration date. After opening, store capped bottles at 2-8°C, protected from light.

## SHELF LIFE:

12 months from date of manufacturing.

## DIRECTIONS FOR USE:

This product is an aseptic 1X solution and can be used directly. Sterile techniques should be used in the operation of any cell

handling or culture while using this product. Cryopreservation protocols for CaseBioscience® media are available upon request.

## PRECAUTIONS:

This solution is intended to be used by trained researchers and professionals in cell handling and culture procedures. Do not use any bottle of medium if it is not clear and shows evidence of particulate or cloudiness. To avoid problems with contamination, handle using aseptic techniques.

## RELATED PRODUCTS:

### GMP CRYOPRESERVATION MEDIA

Product name	catalog no	size
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

WiCell® tested CaseCryo DMSO and concluded that it meets all requirements for quality: maintaining appropriate expansion rates, Oct4/SSEA4 expression, and maintaining genomic integrity through cryopreservation, thawing, and expansion, making it suitable for use in pluripotent stem cell culture.

### GMP CLASSICAL BUFFERS & CULTURE MEDIA Contract Manufacturing

Product name	catalog no	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 H <sub>2</sub> O	WFIH-1000	1000 ml
KSOMaa	KSOM-050	50 ml



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### Technical Support and Information

For Safety Datasheets (SDS), Certificates of Analysis (COA), Protocols, and support contact [info@casebioscience.com](mailto:info@casebioscience.com).

Visit [www.casebioscience.com](http://www.casebioscience.com) for product literature and comprehensive information on our full range of products and services for Assisted Reproductive Technology and Stem Cell Research.

