

CELL APPLICATIONS, INC.

Published on *Cell Applications* (<https://www.cellapplications.com>)

[Home](#) > Canine Aortic Endothelial Cells: CnAOEC

Canine Aortic Endothelial Cells: CnAOEC

- Description
- Details
- Products
- Resources
- Citations **NEW**

MSDS Cryopreserved Cells

Instructions CnAOEC

5 Important Cell Culture Rules

Cell Apps Flyer Cardiovascular Cells

Cell Apps Flyer Endothelial Cells

Cell Apps Poster Primary Cells

Cell Applications Inc Brochure

Description

Canine Aortic Endothelial Cells (CnAOEC) from Cell Applications, Inc. provide a useful model to study cardiovascular diseases and test potential therapeutic agents, not only important from a veterinary perspective, but also having implications for human health.

CnAOEC have been used in numerous research publications, for instance to:

- Adapt an immunomagnetic isolation protocol used in human patients to isolate circulating endothelial cells in dogs
- Investigate the mechanism of N-terminal portion of pro C-type natriuretic peptide (NT-pCNP), a sepsis biomarker in humans and dogs
- Demonstrate vasoprotective activity of pomegranate and soy isoflavons in order to prevent cardiovascular disease-related endothelial dysfunction in dogs
- Compare growth of normal canine endothelial cells and aggressive canine hemangiosarcoma cells in a study investigating signaling pathways underlying hemangiosarcoma oncogenesis
- Understand reasons for reduced numbers of circulating progenitor cells in cardiovascular disease



^[1]
(Click to Enlarge) **Canine Aortic Endothelial Cells:** CnAOEC

Details

Tissue	Normal healthy Canine aorta
QC	No bacteria, yeast, fungi, mycoplasma
Character	Dil-Ac-LDL uptake: Positive
Bioassay	Attach, spread, proliferate in Growth Med
Cryovial	500,000 cells (2nd passage) frozen in Basal Medium w/ 10% FBS, 10% DMSO
Kit	Cryovial frozen CnAOEC (Cn304-05), Growth Medium (Cn211-500), Subculture Rgnt Kit (090K), Attchmnt Fctr Soln (123-100)
Proliferating	Shipped in Gr Med, 3rd psg (flasks or plates)
Doublings	At least 16
Applications	Laboratory research use only (RUO). Not for human, clinical, diagnostic or veterinary use.

Instructions CnAOEC

Format: PDF

[Download Now](#) ^[2]

MSDS Cryopreserved Cells

Format: PDF

[Download Now](#) ^[3]

Products

Related Products

Extended Family Products

Resources/Documents

5 Important Cell Culture Rules

Format: PDF

[Download Now](#) ^[4]

Cell Apps Flyer Endothelial Cells

Format: PDF

[Download Now](#) ^[5]

Cell Apps Poster Primary Cells

Format: PDF

[Download Now](#) ^[6]

Cell Applications Inc Brochure

Format: PDF

[Download Now](#) ^[7]

Citations



[Powered by Bioz](#) ^[8] [See more details on Bioz](#) ^[9]

Misc. Links

- [Site](#)
- [Privacy](#)
- [Returns](#)
- [Shipping](#)
- [Terms](#)
- [Disclaimer](#)
- [Distributors](#)

Contact Us

Cell Applications, Inc
6455 Weathers Place
San Diego, CA 92121
Open M-F, 8am-5pm PST

800-645-0848
info@cellapplications.com

Socialize With Us

•

Newsletter Signup

[Subscribe to our newsletter](#)

Source URL:<https://www.cellapplications.com/canine-aortic-endothelial-cells-cnaoec>

Links

[1] https://www.cellapplications.com/sites/default/files/images_product_type/CnAOEC.jpg
[2] <https://www.cellapplications.com/sites/default/files/documents/instructions/Instructions CnAOEC.pdf>
[3] <https://www.cellapplications.com/sites/default/files/documents/msds/MSDS Cryopreserved Cells.pdf>
[4] <https://www.cellapplications.com/sites/default/files/documents/misc/5 Important Cell Culture Rules 241111.pdf> [5] <https://www.cellapplications.com/sites/default/files/documents/misc/Cell Apps Flyer Endothelial Cells.pdf> [6] [https://www.cellapplications.com/sites/default/files/documents/misc/Cell Apps Poster Primary Cells \(2017\).pdf](https://www.cellapplications.com/sites/default/files/documents/misc/Cell Apps Poster Primary Cells (2017).pdf) [7] <https://www.cellapplications.com/sites/default/files/documents/misc/Cell Applications Inc Brochure 2017.pdf> [8] <https://www.bioz.com/> [9] <https://www.bioz.com/result/cn304-05/product/Cell Applications Inc/?cn=cn304-05>