

## CnT-PR-EN-HC

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### CnT-Prime Endothelial Proliferation Medium w/o Serum, Higher Certified

CnT-ENDO-HC is a highly refined, xeno-free, serum-free and clinically ready formulation for high efficiency isolation and expansion of primary human endothelial cells over extended periods. The serum needs to be sourced by the user to deliver the desired cell behavior and known to meet the necessary regulatory requirements. We recommend 1 % serum supplementation.

<b>SPECIES</b>	Tested with human cells, may be used with other species as well.
<b>TISSUE TYPE</b>	Endothelia
<b>PACK SIZE</b>	500 mL bottle, fully supplemented with growth factors. Serum supplementation required.
<b>PRODUCT USE</b>	Developed specifically for optimal isolation efficiency and proliferation of human endothelial cells. Recommended seeding density after passaging: 4'000 cells per sq. cm. See the <b>Protocols Page (/products/resources/protocols/)</b> for culture protocols.
<b>MEDIA TYPE</b>	2D-Prolif
<b>CHEMICALLY DEFINED</b>	Yes
<b>ACF</b>	Yes
<b>CULTURE CONDITION</b>	This medium is designed for use in a 5% CO <sub>2</sub> atmosphere. For suggested seeding and culture protocols, please visit the resources section of <a href="http://www.cellntec.com">www.cellntec.com</a>
<b>NOTE</b>	For routine cell cultivation, CELLnTEC does not recommend the use of antibiotics / antimycotics.
<b>STORAGE / SHELF LIFE</b>	Store frozen below -15 °C. For best before date, see label. To prepare medium for use, thaw in a water bath set to room temperature. Do not use higher temperatures. Swirl frequently, approximately every 20 min, to ensure good mixing of the ingredients and temperature equilibration. Stop at melting of the last bit of ice to prevent warming at the end of the thawing process. Once thawed, medium has a remaining shelf-life of 6 weeks when stored at 2 - 8 °C in the dark. Certain culture media components are sensitive to light. Minimize light exposure at all times.
<b>QUALITY CONTROL</b>	Media composition is tested for pH, osmolality, stability, sterility, endotoxins, mycoplasma, concentration of various ions, growth and morphology of primary human cells.
<b>SHIPPING CONDITION</b>	Medium is shipped frozen.
<b>INTENDED USE</b>	For research use only. Not for use in therapy or diagnostics.
<b>LAST UPDATE</b>	2024-05-14