

CnT-PR-EN

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CnT-Prime Endothelial Proliferation Medium

The CnT-Prime Endothelium Medium is a highly refined xeno-free formulation for high efficiency isolation and expansion of primary human endothelial cells.

SPECIES	Tested with human cells, may be used with other species as well.
TISSUE TYPE	Endothelia
PACK SIZE	500 mL bottle and 10 mL serum supplement.
PRODUCT USE	<p>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 Protocols Page (/products/resources/protocols/) for culture protocols.</p> <p>We recommend thawing the medium and serum as described below. Supplement 10 ml of serum to the 500 ml medium. Upon supplementation, the medium may exhibit a turbid appearance, nevertheless, it remains suitable for utilization without adverse effects. Alternatively, the serum may undergo filtration using a 0.2-micron membrane filter under aseptic conditions before its incorporation into the medium. Likewise, filtration of the serum-supplemented medium can also be performed.</p>
MEDIA TYPE	2D-Prolif
DEFINED	No
ACF	No
CULTURE CONDITION	This medium is designed for use in a 5% CO ₂ atmosphere. For suggested seeding and culture protocols, please visit the resources section of www.cellIntec.com
NOTE	For routine cell cultivation, CELLnTEC does not recommend the use of antibiotics / antimycotics.
STORAGE / SHELF LIFE	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 and supplemented, medium has a remaining shelf-life of 6 weeks when stored at 2 - 8 °C in the dark. Certain culture media components are very sensitive to light. Minimize light exposure at all times.
QUALITY CONTROL	Media composition is tested for pH, osmolality, stability, sterility, endotoxins, mycoplasma, concentraion of various ions, growth and morphology of primary human cells.
SHIPPING CONDITION	Medium and serum supplement are shipped frozen.
INTENDED USE	For research use only. Not for use in therapy or diagnostics.
LAST UPDATE	2024-05-14