

## CnT-40-HC

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### CnT-40 Melanocyte Proliferation Medium w/o Serum, Higher Certified

CnT-40-HC is a clinically ready and serum-free formulation for selective isolation and rapid expansion of primary epidermal melanocytes. 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>	Developed for human melanocytes. May be used for other species as well.
<b>TISSUE TYPE</b>	Melanocyte
<b>PACK SIZE</b>	500 mL bottle, fully supplemented with growth factors. Serum supplementation required.
<b>PRODUCT USE</b>	Developed for maximum efficiency isolation and growth of melanocytes in primary culture. Selective for melanocytes.
<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 cell culture protocols, please see our resources section.
<b>NOTE</b>	For routine cell cultivation, CELLnTEC recommends to work without 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 4 °C in the dark. Certain culture media components are very sensitive to light. Minimize light exposure at all times.
<b>QUALITY CONTROL</b>	Media functionality and cell morphology tested by cell cultivation over 2 passages in supplemented medium. Tested for osmolality, pH, stability, endotoxins, mycoplasma and concentration of various ions.
<b>SHIPPING CONDITION</b>	CnT-40-HC is shipped frozen.
<b>INTENDED USE</b>	For research use only. Not for use in therapy or diagnostics.
<b>LAST UPDATE</b>	2021-04-01