

# CnT-57

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## CnT-57 Epithelial Proliferation Medium, Low BPE

CnT-57 is specifically designed for Isolation and expansion of epithelial cells from skin, cornea, gingiva, mammary and bladder tissue. Contains a low concentration of BPE.

<b>SPECIES</b>	Human and mouse.
<b>TISSUE TYPE</b>	Epithelia
<b>PACK SIZE</b>	CnT-57 is a 500 mL kit consisting of: <ul style="list-style-type: none"> <li>• CnT-BM.1: 500 mL CnT Basal Medium 1 (liquid)</li> <li>• CnT-57.S: pack of 4 supplement tubes (Supplements A, B, C and BPE; delivered frozen; to be added to 500 mL basal medium prior to use)</li> </ul>
<b>PRODUCT USE</b>	Isolation and proliferation of mouse and human keratinocytes.
<b>MEDIA TYPE</b>	2D-Prolif
<b>DEFINED</b>	No
<b>ACF</b>	No
<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>	<ul style="list-style-type: none"> <li>• CnT-BM.1 basal medium: Store at 4°C in the dark. For expiry date, please see label on bottle. Please do not freeze.</li> <li>• CnT-57.S supplements: Store at -20°C. For expiry date, please see label on tube and in bag.</li> <li>• The complete medium (basal medium supplemented with the corresponding supplements) must be stored at 4°C in the dark. Storage in this manner will provide a minimum shelf life of 6 weeks.</li> </ul> <p><b>Important:</b> The quality of cell culture media is rapidly degraded by light. Store in the dark, and minimize all light exposure during handling.</p>
<b>QUALITY CONTROL</b>	Media functionality and cell morphology tested by cell cultivation over 3 passages in supplemented medium. Osmolality, pH and concentration of various ions are tested. Free of bacteria, fungi and mycoplasma contamination.
<b>SHIPPING CONDITION</b>	<ul style="list-style-type: none"> <li>• CnT-BM.1 basal medium is shipped at ambient temperature.</li> <li>• CnT-57.S supplements are shipped frozen.</li> </ul>
<b>INTENDED USE</b>	For research use only. Not for use in therapy or diagnostics.
<b>LAST UPDATE</b>	2021-01-01