

CnT-PR-MSC

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## CnT-Prime MSC Proliferation Medium

CnT-Prime MSC medium offers class-leading culture of both bone marrow and adipose-derived MSCs.

<b>SPECIES</b>	Tested with human cells, may be used with other species as well.
<b>TISSUE TYPE</b>	MSC
<b>PACK SIZE</b>	500 mL bottle, fully supplemented with growth factors. No further additions required.
<b>PRODUCT USE</b>	Developed for optimal isolation efficiency and proliferation of MSCs isolated from bone marrow and adipose tissue. Recommended seeding density of adMSC immediately after isolation: 20'000 cells per sq. cm. Recommended seeding density of adMSC after passaging: 2'000 cells per sq. cm. See the <b>Protocols Page (<a href="/products/resources/protocols/">/products/resources/protocols/</a>)</b> for culture protocols.
<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 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 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 composition is tested via osmolality, pH and the concentration of various ions. Media functionality is tested by evaluating growth and morphology or primary human adMSC over at least 2 passages. Free of bacteria, fungi and mycoplasma contamination.
<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>	2021-05-04