

CnT-PR-F-HC

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

CnT-PR-F-HC is a serum-free, clinically ready medium that delivers improved isolation efficiency and proliferation of human and animal fibroblasts in comparison with traditional 10 % serum media. 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.

SPECIES	May be used for human, mouse and rat tissue.
TISSUE TYPE	Mesenchyme
PACK SIZE	500 mL bottle, fully supplemented with growth factors. Serum supplementation required.
PRODUCT USE	Developed specifically for optimal isolation efficiency and proliferation of fibroblasts. Recommended seeding density immediately after isolation: 12'000 cells per sq. cm. Recommended seeding density after passaging: 1'000 cells per sq. cm. See the Protocols Page (/products/resources/protocols/) for details.
MEDIA TYPE	2D-Prolif
CHEMICALLY DEFINED	Yes
ACF	Yes
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.cellntec.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, 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.
QUALITY CONTROL	Media functionality is tested by evaluating growth and morphology or primary human fibroblasts over at least 2 passages. Tested for osmolality, pH, stability, endotoxins, mycoplasma and concentration of various ions.
SHIPPING CONDITION	Medium is shipped frozen.
INTENDED USE	For research use only. Not for use in therapy or diagnostics.
LAST UPDATE	2021-04-01