

CnT-FT-CELLS

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Full Thickness Primary Cell Value Pack

A value pack containing two cell vials (i) Normal human epidermal keratinocyte progenitor cells (#HPEKp), isolated from juvenile donor skin, and (ii) normal human dermal fibroblasts (#HDFp), isolated from juvenile skin.

This material is of human origin and should therefore be handled as hazardous. Although it has been tested negative for HIV 1, Hepatitis B and Hepatitis C, treat this material as potentially infectious, and use appropriate biocontainment, protective equipment and other precautions to prevent accidental exposure.

SPECIES	Human, juvenile
TISSUE TYPE	Epithelia
PACK SIZE	Two vials, each containing $> 5 \times 10^5$ viable cells (1 mL)
DEFINED	Yes
ACF	No
CULTURE MEDIUM	HPEK: expand in CnT-PR medium. HDF: expand in CnT-PR-F medium.
CULTIVATION	For cultivation instructions, please see general cultivation protocol, on our resources section.
PASSAGING	Recommended seeding density after passaging of HPEK: 4×10^3 cells / cm^2 . Recommended seeding density after passaging of HDF: 1×10^3 cells / cm^2 . For passaging instructions, please see general cultivation protocol in the resources section of www.cellntec.com
AV. TIME TO CONFLUENCE	5 to 7 days (depending on temperature, seeding density and protocol)
LONGEVITY	For the establishment of FT models, use within 2 passages of thawing to ensure maximum functionality.
STORAGE / SHELF LIFE	Immediately upon arrival transfer the cryo vial to the liquid nitrogen container, until ready to use.
THAWING	Recommended seeding density after thawing HPEK: 4×10^3 cells / cm^2 . Recommended seeding density after thawing HDF: 1×10^3 cells / cm^2 . For thawing instructions, please see general cultivation protocol in the resources section of www.cellntec.com
FREEZING	Recommended freezing density: 1×10^6 cells / mL. For freezing instructions, please see general cultivation protocol in the resources section of www.cellntec.com
QUALITY CONTROL	Tested negative for Hepatitis B, Hepatitis C and HIV-1. Free of bacteria, fungi and mycoplasma contamination.
SHIPPING CONDITION	Cells are shipped on dry ice.
COMMENTS	For routine cell cultivation CELLnTEC recommends to work without antibiotics / antimycotics.
INTENDED USE	For research use only. Not for use in therapy or diagnostics.
LAST UPDATE	2019-07-23