

HCEP

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Corneal Epithelium Progenitors

Normal human corneal epithelial progenitor cells, cryo preserved at early passage.

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, single donor, cornea
TISSUE TYPE	Epithelia
PACK SIZE	Vial containing $> 5 \times 10^5$ viable cells (1 mL).
DEFINED	Yes
ACF	No
CULTURE MEDIUM	CnT-PR or CnT-57. Improved growth rate and longevity may be obtained with CnT-57 for some lots. Please enquire for details.
CULTIVATION	For cultivation instructions, please see general cultivation protocol in the resources section of www.cellntec.com
PASSAGING	Recommended seeding density after passaging: 4×10^3 cells / cm^2 . For passaging instructions, please see general cultivation protocol, on our resources section.
AV. TIME TO CONFLUENCE	7 to 10 days (depending on temperature, seeding density and protocol)
LONGEVITY	Guaranteed to provide at least 12 population doublings when grown in CnT-Prime medium.
STORAGE / SHELF LIFE	Immediately upon arrival transfer the cryo vial to the liquid nitrogen container, until ready to use. Medium storage: refer to medium label and data sheet.
THAWING	Recommended seeding density after thawing: 4×10^3 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	2019-02-18