

Gingival Epithelium Progenitors, Human, Pooled

Caution: This material is of human origin and thus potentially hazardous. It has tested negative for HIV 1, Hepatitis B, and Hepatitis C, but testing is not 100% accurate. Treat this material as infectious, and use appropriate biocontainment, protective equipment, and other precautions to prevent accidental exposure.

CATALOG NUMBER:	HGEPP-15	QUANTITY:	1 kit containing cells and Media
PRODUCT DESCRIPTION:	Normal human gingival epithelial keratinocyte progenitor cells cryo-preserved cells in medium containing 20% FBS and 10% DMSO. Primary cells supplied with one 500 ml kit of medium (basal medium with separate frozen supplements)..		
SPECIES/SOURCE:	Human/Pooled donor adult gingiva		
FORMAT:	1 Kit consisting of one vial of cells and 500 mL of media: 1. HGEPP-15-C: > 1.5x10 ⁶ cells/vial 2. CnT-24: 500 mL kit of CnT-24 medium		
CULTURE MEDIUM:	CnT-24, PCT Oral Epithelium Medium, Defined, for growth. #CnT-32, Oral Epithelium Medium for differentiation experiments.		
CULTIVATION:	Following thawing, we recommend seeding cells at 2.0-4.0 x 10 ³ cells per cm ² (e.g. one vial of cells into 5-9 x 75 cm ² flasks), depending on the desired speed to confluency, and the number of flasks required. Subsequently seeding 2.5 x 10 ³ cells per cm ² allows weekly passage of sub-confluent cultures. Lower seeding densities are possible but time to confluence is extended. See the resources page of www.cellntec.com for full protocols.		
AVERAGE TIME TO CONFLUENCY:	6-8 days (depending on temperature, seeding density and protocol)		
FURTHER GROWTH:	Depending on seeding density and culture protocol, these cultures have been found to deliver more than 15 population doublings when grown in a PCT medium.		
QUALITY CONTROL:	Tested negative for Hepatitis B, Hepatitis C and HIV-1. Free of bacteria, fungi and mycoplasma contamination		
STORAGE:	<u>Cryotube:</u> Supplied frozen on dry ice. Immediately upon arrival transfer the vial to liquid N ₂ for storage until ready to use <u>Medium:</u> Refer to medium labels for specific instructions		

For research use only. Not for use in humans, animals, or diagnostics.

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