

## 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.*

<b>CATALOG NUMBER:</b>	HGEPP-05	<b>QUANTITY:</b>	1 kit containing cells and Media
<b>PRODUCT DESCRIPTION:</b>	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).		
<b>SPECIES/SOURCE:</b>	Human/Pooled donor adult gingiva		
<b>FORMAT:</b>	1 Kit consisting of one vial of cells and 500 mL of media: 1. HGEPP-05-C: > 5x10 <sup>5</sup> cells/vial 2. CnT-24: 500 mL kit of CnT-24 medium		
<b>CULTURE MEDIUM:</b>	CnT-24, PCT Oral Epithelium Medium, Defined for growth. #CnT-32, Oral Epithelium Medium for differentiation experiments.		
<b>CULTIVATION:</b>	Following thawing, we recommend seeding cells at 2.0-4.0 x 10 <sup>3</sup> cells per cm <sup>2</sup> (e.g. one vial of cells into 5-9 x 25 cm <sup>2</sup> flasks), depending on the desired speed to confluency, and the number of flasks required. Subsequently seeding 2.5 x 10 <sup>3</sup> cells per cm <sup>2</sup> allows weekly passage of sub-confluent cultures. Lower seeding densities are possible but time to confluence is extended. See the resources page of <a href="http://www.cellntec.com">www.cellntec.com</a> for full protocols.		
<b>AVERAGE TIME TO CONFLUENCY:</b>	6-8 days (depending on temperature, seeding density and protocol)		
<b>FURTHER GROWTH:</b>	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.		
<b>QUALITY CONTROL:</b>	Tested negative for Hepatitis B, Hepatitis C and HIV-1. Free of bacteria, fungi and mycoplasma contamination		
<b>STORAGE:</b>	<u>Cryotube:</u> Supplied frozen on dry ice. Immediately upon arrival transfer the vial to liquid N <sub>2</sub> 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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