

Gingival Epithelium Progenitors, Human, Single Donor

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:	HGEPS-05	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/Single donor adult gingiva		
FORMAT:	1 Kit consisting of one vial of cells and 500 mL of media: <ol style="list-style-type: none"> HGEPS-05-C: > 5x10⁵ cells/vial 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 25 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.

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.

©2008: Millipore Corporation. All rights reserved. No part of these works may be reproduced in any form without permission in writing.