

Precision Epithelial Culture Media

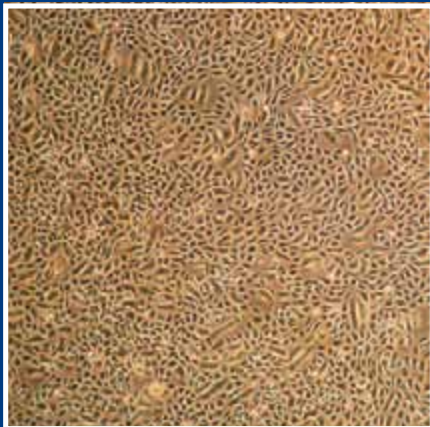


Retain Undifferentiated Progenitors • Drive Differentiation

In the body, specific micro-environments control the retention of undifferentiated cells, or direct their differentiation. By mimicking these micro-environments, CELLnTEC has created a new generation of highly-precise media for a broad range of epithelial cells. **Media are now available for Skin, Prostate, Cornea, Bladder, Mammary, Airway and Vaginal tissue.**

Undifferentiated Keratinocytes

Passage 1, CnT-57 Culture Medium



Primary human keratinocytes isolated in CnT-57, a Progenitor Cell Targeted (PCT) culture medium, to maximise colony formation, enrichment of undifferentiated cells, and in vitro longevity.

2D Keratinocyte Differentiation

Passage 3, CnT-02 Culture Medium

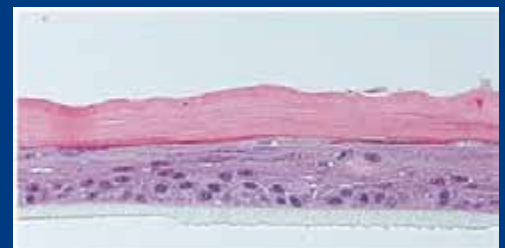


Differentiation marker upregulation during culture in CnT-02 + 1.2 mM calcium.

**Request your
Free Medium
Sample Pack**

3D Keratinocyte Differentiation

Passage 3, 3D Prime Culture Medium



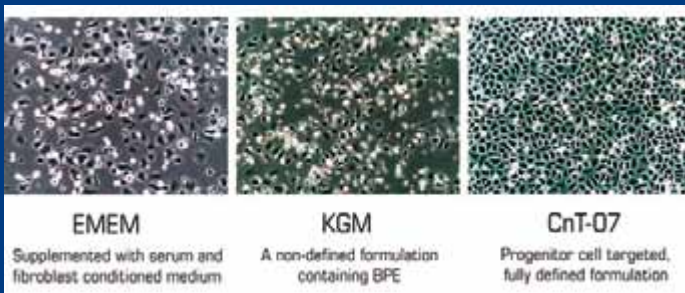
3D epidermal model established using HPEK primary keratinocytes, CnT-02-3DP medium, and PCF inserts. H&E staining. Full protocols and training video available on www.cellntec.com

CELLnTEC places great emphasis on developing advanced culture media, and providing the best service and support. Please visit our website for an extensive list of protocols, and don't hesitate to contact our scientists for technical advice.

Progenitor Cell Targeting

More colonies • Improved Marker Expression • Increased Longevity

Progenitor cell targeted (PCT) media are specifically formulated to target and retain valuable progenitor cells. As a result, these precision media provide maximal isolation efficiency without serum, feeders or plate coatings.

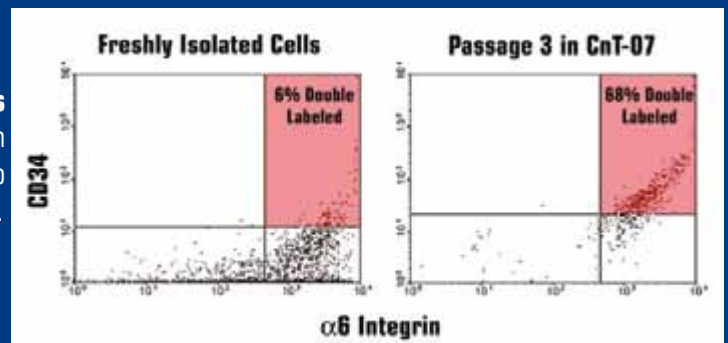


Human Epidermal Keratinocytes

PCT media can outperform even non-defined media during both isolation and early passage growth.

Enrichment of Epidermal Progenitors

FACS analysis showing the 10x increase in double-labeled progenitor cells from isolation to passage 3 in a PCT medium.



Stocked Products For Immediate Delivery (Entire Media Range Available To Order)

CnT-07	Epidermal Keratinocyte Medium (Defined)	PCT	Human/Mouse	500 mL Kit
CnT-57	Epidermal Keratinocyte Medium (Low BPE)	PCT	Human/Mouse	500 mL Kit
CnT-02	Epidermal Keratinocyte Medium (Defined)	Non-PCT	Human/Mouse	500 mL Kit
CnT-20	Corneal Epithelium Medium (Defined)	PCT	Human	500 mL Kit
CnT-50	Corneal Epithelium Medium (Low BPE)	PCT	Human	500 mL Kit
CnT-12	Prostate Epithelium Medium (Defined)	PCT	Human	500 mL Kit
CnT-52	Prostate Epithelium Medium (Low-BPE)	PCT	Human	500 mL Kit