



# Epithelia In Vitro. Its All We Do.

## The 6 Powers of Prime Media



- Great Growth** PCT factors and co-factors
- Sophisticated Models** 2D, 3D, differentiation, co-culture, aging
- Top Reliability** An 8-Point reliability plan
- Simplicity** One box, one bottle, one step preparation
- Customisable** Fully customisable growth factors
- Support** A team that uses the same products daily



# Finding Balance in Co-Culture

## Defined Keratinocyte/Fibroblast Co-Culture: Coming Soon

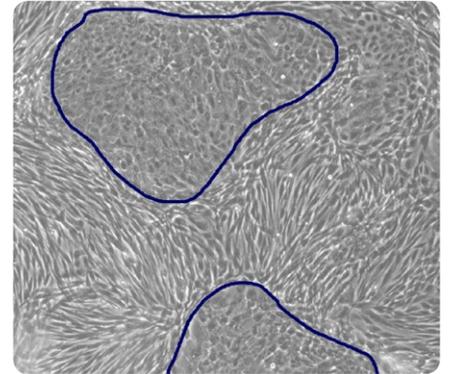
### CnT-Prime Co-Culture **CnT-PR-CC**

Standard proliferation media do not deliver well balanced growth of 2 or more cell types in co-culture.

A specific formulation is required to maintain the balance of keratinocytes and fibroblasts when grown together.

The co-culture medium must omit the fibroblast inhibitory elements found in keratinocyte media, whilst in parallel providing an environment that also encourages moderate fibroblast growth in balance with the keratinocytes.

CELLnTEC has been working on this delicate balance for some time. We are currently finalising a fully defined formulation which enables well balanced growth of keratinocytes and fibroblasts in co-culture.



A co-culture of primary human keratinocytes and fibroblasts growing in CnT-PR-CC.

**Samples for beta-testing are now available.** Please contact [scientist@cellntec.com](mailto:scientist@cellntec.com) to request your sample.

### Related Products Now Available

**CnT-PR** CnT-Prime Epithelial Culture Medium. Fully defined, free of animal and human-derived components. Contains Progenitor Cell Targeted factors to optimise isolation efficiency and longevity.

**HPEK** Primary Epidermal Keratinocytes. Grown in CnT-Prime medium, these cells deliver excellent growth and longevity, with the ability to easily switch to differentiation in 2D or 3D Culture.

**HDF** Primary Dermal Fibroblasts. Grown in CnT-Prime medium, these cells deliver excellent growth and longevity, and can easily switch to 3D spheroid culture as required.

### New Products Now Available

**CnT-PR-F** CnT-Prime Fibroblast Medium. A 1% serum medium that delivers excellent isolation and growth, combined with significantly improved consistency due to its low serum formulation.

**Did you know...** The concentration of growth factors in serum can vary by more than 500% between lots of FCS? A survey of 30 lots (Price and Gregory, *In Vitro*, Vol 18) found the following ranges (lowest-highest):

**Cholesterol** x5.2

**Insulin** x2.3

**T3** x4.1

**Growth Hormone** x2.8

**Glucose** x2.9

**Cortisol** x12

**PGE** x25

**Testosterone** x4.7