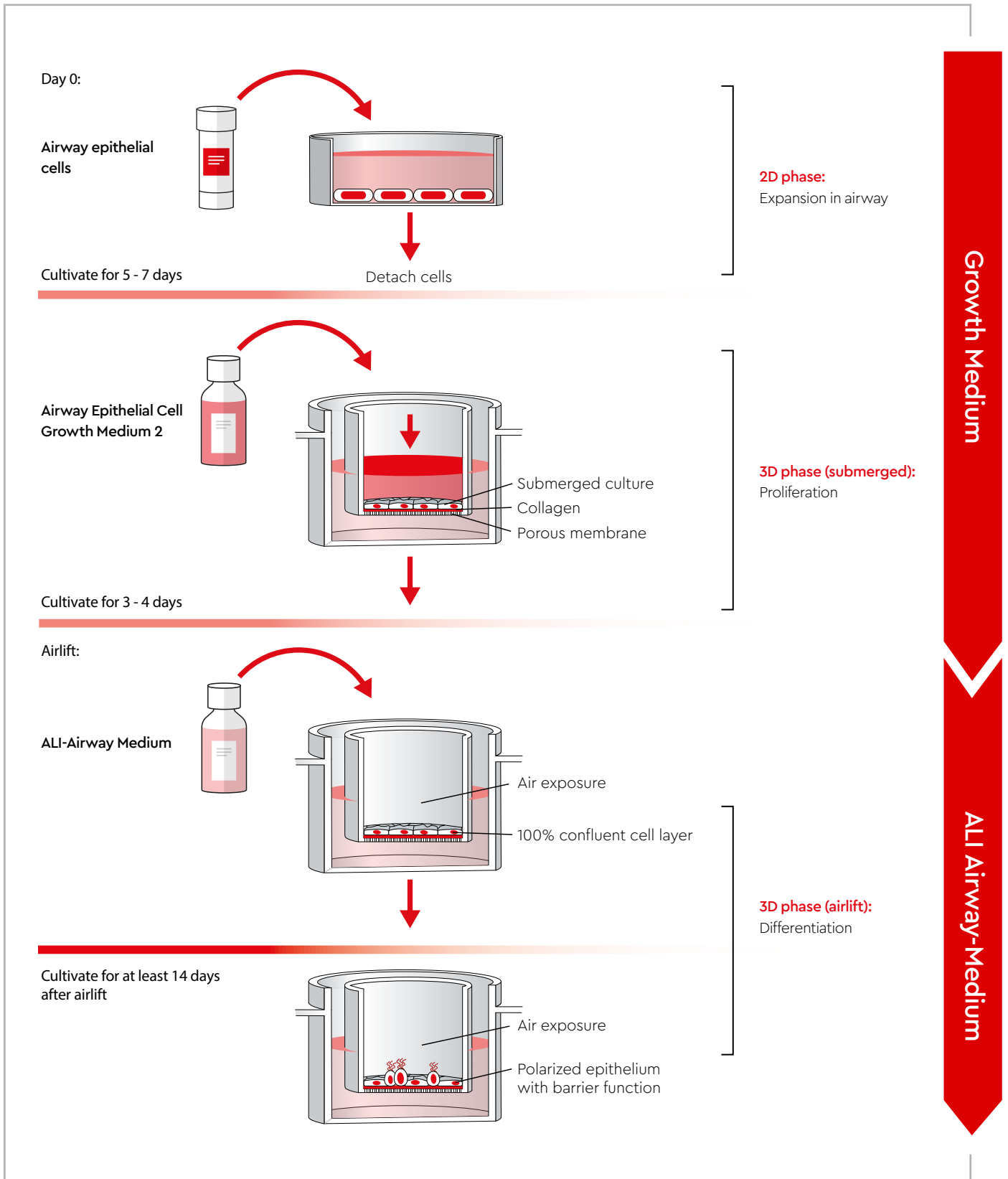
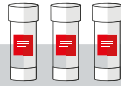


Air-Liquid Interface Culture System

Recapitulate the human respiratory system *in vitro*





Product	Size	Cat. no.
Human Bronchial Epithelial Cells (HBEpC)	500,000 cryopreserved cells	C-12640
Human Nasal Epithelial Cells (HNEpC)	500,000 cryopreserved cells	C-12620
Human Tracheal Epithelial Cells (HTEpC)	500,000 cryopreserved cells	C-12644



Product	Size	Cat. no.
Airway Epithelial Cell Growth Medium (Ready-to-use)	500 ml	C-21060
Airway Epithelial Cell Growth Medium 2*	500 ml	C-21040
Airway Epithelial Cell Growth Medium XF (prf)	500 ml	C-21050
Air-Liquid Interface Medium (ALI-Airway)	500 ml	C-21080

* Recommended for a BPE-free expansion before ALI differentiation

Key advantages:

- **Physiologically relevant:** Our serum- and BPE-free (C-21040) and xeno-free (C-21050) media formulations support physiologically relevant cell growth with typical cobblestone morphology and *in vivo*-like function without the need for small molecules.
- **Complete BPE-free ALI culture system:** Isolate, cultivate, and differentiate bronchial epithelial cells in a BPE-free system using our Airway Epithelial Cell Growth Medium 2 and ALI-Airway Medium.
- **Enhanced barrier formation:** Achieve stable and uniform TEER values of $>500 \Omega \times \text{cm}^2$ until at least 14 days of culture.
- **ALI pre-screened HBEpC:** Pre-screened cells are available [upon request](#), optionally from [HLA-typed](#) and [COPD/asthma donors](#).

Discover more

Visit:
<https://promocell.com/research-areas/respiratory-research/>

Contact us

Do you need cells from a specific donor type or from an already HLA-typed donor? Contact us and let us know your donor requirements: info@promocell.com

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