

# PRFT-24

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## 3D FT Starter Kit (No Cells)

Starter kit containing all media necessary for the establishment of 3 dimensional full thickness skin models at the air-liquid interface. The kit includes CnT-PR and CnT-PR-F proliferation media, CnT-PR-FTAL medium for full thickness air-lift culture, CnT-SP spacer plate and 24 cell culture inserts (0.4 um pore size). Kit does not include primary cells.

<b>SPECIES</b>	Human
<b>TISSUE TYPE</b>	Epithelia
<b>PACK SIZE</b>	<p>PRFT-24 is a kit consisting of:</p> <ul style="list-style-type: none"> <li>• 1 x CnT-PR: 500 mL kit of CnT-Prime Epithelial Culture Medium</li> <li>• 1 x CnT-PR-F: 500 mL kit of CnT-Prime Fibroblast Culture Medium</li> <li>• 1 x CnT-PR-FTAL5: 500 mL kit of CnT-Prime FTAL5 Full Thickness Air-Lift Culture Medium</li> <li>• 1 x CnT-SP: Spacer Plate for 12-Well Plates</li> <li>• 24 x FT Inserts: 12 mm diameter, 0.4 µm pore size</li> </ul>
<b>DEFINED</b>	Yes
<b>ACF</b>	No
<b>CULTURE MEDIUM</b>	Media included in the kit: CnT-PR Epithelial Medium (keratinocyte proliferation), CnT-PR-F Fibroblast Medium (fibroblast proliferation), CnT-PR-FTAL Full Thickness Air-Lift Medium. All media are designed for use in a 5% CO <sub>2</sub> atmosphere. Media must be thawed overnight at 4°C just prior to use.
<b>CULTIVATION</b>	For isolation, thawing, seeding and passaging instructions of primary keratinocytes and fibroblasts, please see the general cultivation protocol in the resources section of <a href="http://www.cellntec.com">www.cellntec.com</a>
<b>LONGEVITY</b>	For optimal 3D stratification, use primary cells within 10-12 population doublings of thawing.
<b>STORAGE / SHELF LIFE</b>	Store media at -20°C. Thaw overnight at 4°C prior to use, or alternatively at room temperature for approx 5 hours. Do not thaw in a hot water bath. For expiry date of frozen medium, refer to medium label. Storage of thawed medium: 4°C in the dark, use within 6 weeks of thawing. <b>Important:</b> The quality of cell culture media is rapidly degraded by light. Store in the dark, and minimize all light exposure during handling. Inserts: room temperature. One year from date of purchase.
<b>QUALITY CONTROL</b>	Media tested free of bacteria, fungi and mycoplasma contamination.
<b>SHIPPING CONDITION</b>	All kit components are shipped together on dry ice.
<b>COMMENTS</b>	All kit components can be purchased separately.
<b>INTENDED USE</b>	For research use only. Not for use in therapy or diagnostics.
<b>LAST UPDATE</b>	2020-12-09