Endothelial Cell Culture

In a Clinically Upgradable Culture Medium

Rapid, Long-Term HUVEC Expansion

The new CnT-Endothelium medium delivers rapid expansion and consistent proliferation over extended passages in a FBS-free, clinically-upgradable formulation.

The strong proliferation and extended longevity are obtained without any plate coating. Cells in CnT-Endothelium medium were found to proliferate for at least five additional passages after the point at which growth in a key competitor medium slowed.

<table>
<thead>
<tr>
<th>Cat #</th>
<th>Name</th>
<th>Upgradable</th>
<th>Coating Needed</th>
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<tbody>
<tr>
<td>CnT-ENDO</td>
<td>CnT-Endothelium Medium</td>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

Unique Benefits of the CnT-Endothelium medium:

- **Free of FBS.** Contains no bovine-derived products
- Upgradable for clinical applications
- Coating not required for extended proliferation
- Supplied frozen, fully supplemented, ready to use

Proliferation results are the average of two repeat experiments, each in triplicate. Courtesy of Dr Lorenz Jenny, Schroeder Group, Experimental Haemostasis, University of Bern.

Marker Expression

VE-Cadherin is a key adherens junction molecule that is specific to endothelial cells. It is involved in vascular homeostasis mechanisms, including contact inhibition of cell growth, migration, blood vessel permeability, and outside-in signalling pathways.

Endothelial cells expanded in CnT-Endothelium medium express VE-Cadherin for extended periods, under both static and flow conditions.

Order today!

Marker expression results courtesy of Georgios Stefopoulos, Laboratory of Thermodynamics in Emerging Technologies, ETH Zurich.