

# Protocol for preparation of HUVEC/TERT2 medium

Version: September 2021

Evercyte Ord. No.:	CHT-006-0008
Designation:	HUVEC/TERT2, human umbilical vein endothelial cells
Growth medium:	<p>EGM<sup>TM</sup> Endothelial Cell Growth Medium BulletKit<sup>TM</sup> (Lonza, Cat# CC-3124) supplemented with FBS and G418:</p> <p><u>Final components:</u></p> <p>EBM<sup>TM</sup> basal medium (Lonza, Cat# CC-3121)</p> <p>Components of EGM<sup>TM</sup> SingleQuot<sup>TM</sup> Supplements (Lonza, Cat# CC-4133: BBE, hEGF, Hydrocortisone, Ascorbic acid)</p> <p>10 % FBS (PAN-Biotech, Cat# P30-3031)</p> <p>20 µg/ml G418 (InvivoGen, Cat# ant-gn-5, 100 mg/ml stock solution, ready-to-use)</p> <ul style="list-style-type: none"> <li>- take one bottle of EBM basal medium (500 ml)</li> <li>- discard 50 ml of EBM basal medium</li> <li>- add 500 µl of Hydrocortisone (EGM<sup>TM</sup> SingleQuot<sup>TM</sup> Supplements)</li> <li>- add 500 µl of hEGF (EGM<sup>TM</sup> SingleQuot<sup>TM</sup> Supplements)</li> <li>- add 2 ml of BBE (EGM<sup>TM</sup> SingleQuot<sup>TM</sup> Supplements)</li> <li>- add 500 µl of Ascorbic Acid (EGM<sup>TM</sup> SingleQuot<sup>TM</sup> Supplements)</li> <li>- add 50 ml of FBS</li> <li>- add 100 µl of G418 stock solution</li> </ul> <ul style="list-style-type: none"> <li>- mix properly</li> <li>- store at 4°C for a maximum of 4 weeks</li> <li>- temper the medium to room temperature (not 37°C) before use</li> </ul>
Related products:	<p>HUVEC/TERT66, umbilical vein endothelial cells (Evercyte, Cat# CHT-006-0066)</p> <p>HDMVEC/TERT164-B, dermal microvascular endothelial cells, lymphatic (Evercyte, Cat# CHT-013-0164-B)</p>