

# Protocol for preparation of HDMVEC/TERT164-B medium

Version: May 2021

Evercyte Ord. No.:	CHT-013-0164-B
Designation:	HDMVEC/TERT164-B, human dermal microvascular endothelial cells
Growth medium:	Endopan MV kit (PAN Biotech, Cat# P04-0020K) supplemented with G418:  <u>Final components:</u> Endopan MV basal medium (PAN Biotech, Cat# P04-0020B) Endopan MV supplements (PAN Biotech, Cat# P04-0020S) 20 µg/ml G418 (InvivoGen, Cat# ant-gn5, 100 mg/ml stock solution, ready-to-use)  <ul style="list-style-type: none"> <li>- take one bottle of Endopan MV basal medium (500 ml)</li> <li>- add 30 ml of FBS (Endopan MV supplements)</li> <li>- add 500 µl of Ascorbic Acid (Endopan MV supplements)</li> <li>- add 500 µl of FGF-2 (Endopan MV supplements)</li> <li>- add 100 µl Hydrocortisone (Endopan MV supplements)</li> <li>- add 500 µl of R3-IGF-1 (Endopan MV supplements)</li> <li>- add 500 µl of EGF (Endopan MV supplements)</li> <li>- add 100 µl of G418 stock solution</li> </ul> <ul style="list-style-type: none"> <li>- mix properly, aliquot complete Endopan MV medium</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:	HDMVEC/TERT164-B, microvascular endothelial cells (Evercyte, Cat# CHT-013-0164-B ) HUVEC/TERT2, umbilical vein endothelial cells (Evercyte, Cat# CHT-006-0008)