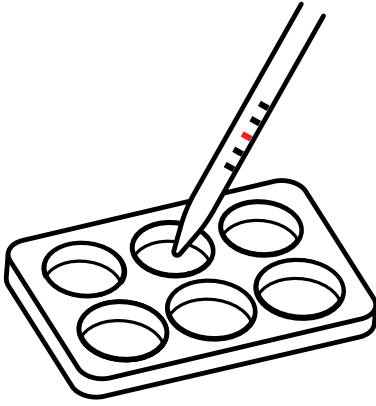


Recommended Media for Endothelial Cells



Endothelial Cell Type	Recommended Endothelial Cell Media			
	Endothelial Cell Growth Medium C-22010/C-22110	Endothelial Cell Growth Medium 2 C-22011/C-22111	Endothelial Cell Growth Medium MV C-22020/C-22120	Endothelial Cell Growth Medium MV2 C-22022/C-22121
Large Vessel Endothelial Cells				
HPAEC (C-12241)	✓	✓		
HSaVEC (C-12231)	✓	✓		
HUAEC (C-12202)	✓	✓		
HUVEC (C-12200/C-12203/C-12205)	✓	✓		
HUVEC 2 (C-12206/C-12208)		✓		
HAoEC (C-12271)			✓	✓
HCAEC (C-12221)			✓	✓
Microvascular Endothelial Cells				
HPMEC (C-12281)			✓	✓
HCMEC (C-12285)			✓	✓
HUtMEC (C-12295)			✓	✓
HDMEC (C-12210/C-12212/C-12215)			✓	✓
HDBEC (C-12211/C-12225)			✓	
HDLEC (C-12216/C-12217)				✓



■ **What's the difference between Endothelial Cell Growth Medium and Endothelial Cell Growth Medium 2?**

The two media differ in their supplementation: Endothelial Cell Growth Medium contains Endothelial Cell Growth Supplement = ECGS (bovine hypothalamus extract). In Endothelial Cell Growth Medium 2, ECGS is replaced by VEGF, IGF and ascorbic acid and the concentrations of the other supplements were adapted.

■ **When should I use Endothelial Cell Growth Medium, when should I use Endothelial Cell Growth Medium 2?**

Endothelial Cell Growth Medium can be used for all endothelial cells that were isolated in Endothelial Cell Growth Medium and for most standard applications. If you prefer a more defined media composition, Endothelial Cell Growth Medium 2 is the medium of choice (2% FCS, no ECGS). If you plan to do VEGF stimulation, then Endothelial Cell Growth Medium is the recommended medium because the cells have not been in contact with stimulating concentrations of VEGF before.

■ **What's the difference between Endothelial Cell Growth Medium MV and Endothelial Cell Growth Medium MV2?**

The two media differ in their supplementation: Endothelial Cell Growth Medium MV contains Endothelial Cell Growth Supplement = ECGS (bovine hypothalamus extract). In Endothelial Cell Growth Medium MV2, ECGS is replaced by VEGF, IGF, basic FGF, EGF and ascorbic acid. A few other adaptations were made.

■ **When should I use Endothelial Cell Growth Medium MV, when should I use Endothelial Cell Growth Medium MV2?**

Endothelial Cell Growth Medium MV can be used for all (microvascular) endothelial cells that were isolated in Endothelial Cell Growth Medium MV and for most standard applications. If you prefer a more defined media composition, Endothelial Cell Growth Medium MV2 is the medium of choice (5% FCS, no ECGS). If you plan to do VEGF stimulation, then Endothelial Cell Growth Medium MV is the recommended medium because the cells have not been in contact with stimulating concentrations of VEGF before.