

hCMEC/D3 | 305024

Description	HCMEC/D3	BBB	hTERT
	HCMEC/D3	BBB	claudin-5 occludin zonula occludens-1
	HCMEC/D3		
Organism			
Tissue			
Disease	hTERT SV40		
Metastatic site			
Applications	BBB	Claudin-5 Occludin ZO-1	
Synonyms	HCMEC/D3 CMEC/D3	/D3	
Age			
Gender			
Ethnicity			
Morphology			
Cell type			
Growth properties			
Citation	hCMEC/D3 Cytion 305024		
Biosafety level	1		

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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_U985
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GMO Status	GMO-S1	hCMEC/D3	SV40 T-Antigen	hTERT
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Viruses	Simian virus 40 (SV40)
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Culture Medium	EGM -2 MV	-2 BulletKit	CC-3202
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Supplements	EBM-2
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Dissociation Reagent	Accutase 0.25%	-EDTA
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Doubling time	24 36
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Subculturing	Ca ²⁺ /Mg ²⁺	PBS	Accutase 37°C	3-5	300×g	5	1-2 × 10 ⁴	/cm ²
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Split ratio	1 3
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Seeding density	1 2 × 10 ⁴	/cm ²
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Fluid renewal	1 2
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Freeze medium	50%	+ 40% FBS + 10% DMSO	CM-1 Cytion	800100
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Thawing and Culturing Cells

- 1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
- 8.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR