Product sheet

MDCK-II | 305233

Description	- II (MDCK-II) . MDCK-II . MDCK-II . , ,
Organism	
Tissue	
Disease	Normal kidney epithelium
Applications	Virology; epithelial transport studies; tight junction research; drug permeability assays; cell biology
Synonyms	MDCK II, MDCKII, MDCK2, MDCK-2, MDCK II, MDCKII-WT

Breed/Subspecies	
Age	
Gender	
Morphology	Epithelial-like
Cell type	
Growth properties	

Citation	MDCK-II(305233)
Biosafety level	1
NCBI_TaxID	9615

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CellosaurusAccession	CVCL_0424
GMO Status	No genetic modification; wildtype cell line

Culture Medium	EMEM(MEM), w: 2mM L- , w: 2.2g/L NaHCO3, w: EBSS(820100a)
Supplements	10% FBS 1% NEAA
Dissociation Reagent	
Doubling time	approx. 16-20 hours
Subculturing	PBS . T25 3~5ml, T75 5~10ml PBS . T25
Split ratio	1 to 5
Seeding density	2 to 5 x 10^4 cells/cm^2
Fluid renewal	2 to 3 times per week
Freeze medium	(FBS) + 10% DMSO , CM-1(Cytion 800100)

Thawing and Culturing Cells

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

Incubation Atmosphere 37°C, 5% $_{CO2}$, .

Flask Coating

Freezing Procedure -78°C . .

Shipping Conditions -78°C . .

Storage Conditions -150°C -196°C . 80°C .

Sterility PCR .

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