

Product sheet

MDCK-II | 305233

Description

Madin-Darby II MDCK-II
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Organism

Tissue

Disease

Applications

Synonyms MDCK II MDCKII MDCK2 MDCK-2 MDCK II MDCKII-WT

Breed/Subspecies

Age

Gender

Morphology

Cell type

Growth properties

Citation MDCK-II Cytion 305233

Biosafety level 1

NCBI_TaxID 9615

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CellosaurusAccession CVCL_0424

GMO Status

Culture Medium EMEM MEM Eagle 2 mM L- 2.2 g/L NaHCO₃ EBSS Cytion 820100a

Supplements 10% FBS 1% NEAA

Dissociation Reagent Accutase

Doubling time 16 20

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75

Split ratio 1 5

Seeding density 2 $5 \times 10^4 / \text{cm}^2$

Fluid renewal 2 3

Freeze medium 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

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 °C

-80 °C

Sterility

PCR