

MDCK NBL-2 | 602280

Description	MDCK Madin-Darby Canine Kidney	vitro
	MDCK	MDCK
	MDCK	MDCK
	MDCK H3N2	MDCK H3N2
	MDCK	

Organism

Tissue

Synonyms MDCK, NBL-2, ,

Breed/Subspecies

Age

Gender

Morphology

Cell type

Growth properties

Citation MDCK (NBL-2) (Cytion 602280)

Biosafety level 1

NCBI_TaxID 9615

CellosaurusAccession CVCL_0422

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Virus susceptibility	B5	2 3	4 5
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Virus resistance	2	B3 B4
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Reverse transcriptase	
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Products

Culture Medium	DMEM:Ham's F12 (1:1) w: 3.1 g/L	w: 2.5 mM L-	w: 15 mM HEPES	w: 0.5 mM	w: 1.2 g/L NaHCO3 (Cyt)
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Supplements	10% FBS
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Dissociation Reagent	
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Subculturing	PBS	T25	3-5ml T75	5-10ml PBS	T25	1-2m
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Seeding density	$1 \times 10^4 / \text{cm}^2$
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Fluid renewal	3
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Post-Thaw Recovery	$\frac{4}{5 \times 10^6}$	24
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Freeze medium	FBS	10 DMSO	CM-1
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Thawing and Culturing Cells				
1.				
2.		-150		3
3.		37		40 60
4.	70			
5.		8ml	15ml	
6.	300 x g 3			
7.	10ml		2 T25	
8.				

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR