

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

MDCK NBL-2 | 602280

Virus susceptibility		B5	2 3	4 5
-----------------------------	--	----	-----	-----

Virus resistance	2	B3 B4
-------------------------	---	-------

Reverse transcriptase	
------------------------------	--

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 (Cytion)
-----------------------	---------------------------------	--------------	----------------	-----------	----------------------------

Supplements	10% FBS
--------------------	---------

Dissociation Reagent	
-----------------------------	--

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

Seeding density	$1 \times 10^4 / \text{cm}^2$
------------------------	-------------------------------

Fluid renewal	3
----------------------	---

Post-Thaw Recovery	4×10^6	24
---------------------------	-----------------	----

Freeze medium	FBS	10 DMSO	CM-1
----------------------	-----	---------	------

MDCK NBL-2 | 602280

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