

MDCK-SIAT1 | 602281

Description	MDCK-SIAT1	Madin-Darby Canine Kidney (MDCK)	2,6-	(SIAT1)
	MDCK-SIAT1		NAI	α-2,6

MDCK

Organism

Tissue

Breed/Subspecies

Age

Gender

Morphology

Growth properties

Citation	MDCK-SIAT1 (Cytion	602281)
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Biosafety level	2
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NCBI_TaxID	9615
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CellosaurusAccession	CVCL_Z936
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GMO Status	GMO-S1	(MDCK-SIAT1)	2,6-	(SIAT1)	pcDNA3.1GS
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Protein expression	ST6β-	α-2,6-	1	ST6GAL1, SIAT1
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Culture Medium	DMEM w 4.5g/L	w 4mM L-	w 3.7g/L NaHCO3	w 1.0mM	Cytion 820300a
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Supplements	10% FBS 1mg/ml G418
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Dissociation Reagent	
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Doubling time	21	31
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Subculturing		PBS	T25	3-5ml T75	5-10ml PBS	T25	1-2m
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Seeding density	2.4×10^4	$\frac{2}{cm^2}$
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Fluid renewal	2	3
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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.			

