

1 | 300411

Description	Wilms1	Wilms	Wilms	WT1
	Wilms1			
	Wilms1		1	EGFR PDGFRβ

c.14

Organism

Tissue

Applications In vitro

Synonyms	1-2l
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Age	2
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Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation	Wilms1 Cytion	300411
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_A5SC

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Receptors expressed	EGFR EphA7 PDGFR α FGFR1 PDGFR β AxL
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Tumorigenic	E. Kunce Stroup 2017
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Viruses	HIV-1 HBV HCV
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Mutational profile	WT1 c. 149 C>A p.S50x LOH 11p11-11pter CTNNB1 TCT>TTT p.S45F
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Karyotype	46
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Culture Medium	MSCGM
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Dissociation Reagent	
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Doubling time	24
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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	1 2
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Post-Thaw Recovery	
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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

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HLA

A*: '03:01:01, '24:02:01

B*: '35:03:01, '38:01:01

C*: '12:03:01

DRB1*: '07:01:01, '14:54:01

DQA1*: '01:04:01, '02:01:01

DQB1*: '02:02:01, '05:03:01

DPB1*: 02:01:02G 04:02:01G

E: '01:03:01, '01:03:02