

1 | 300411

<b>Description</b>	Wilms1	Wilms	Wilms	WT1
	Wilms1			
	Wilms1		1	EGFR PDGFRβ

c.14

**Organism**

<b>Tissue</b>
---------------

**Applications** In vitro

<b>Synonyms</b>	1-2l
-----------------	------

<b>Age</b>	2
------------	---

**Gender**

<b>Ethnicity</b>
------------------

**Morphology**

<b>Cell type</b>
------------------

**Growth properties**

<b>Citation</b>	Wilms1 Cytion	300411
-----------------	---------------	--------

**Biosafety level** 1

<b>NCBI_TaxID</b>	9606
-------------------	------

**CellosaurusAccession** CVCL\_A5SC

1 | 300411

<b>Receptors expressed</b>	EGFR EphA7 PDGFR $\alpha$ FGFR1 PDGFR $\beta$ AxL
----------------------------	---

<b>Tumorigenic</b>	E. Kunce Stroup 2017
--------------------	----------------------

<b>Viruses</b>	HIV-1 HBV HCV
----------------	---------------

<b>Mutational profile</b>	WT1 c. 149 C>A p.S50x LOH 11p11-11pter CTNNB1 TCT>TTT p.S45F
---------------------------	--

<b>Karyotype</b>	46
------------------	----

<b>Culture Medium</b>	MSCGM
-----------------------	-------

<b>Dissociation Reagent</b>	
-----------------------------	--

<b>Doubling time</b>	24
----------------------	----

<b>Subculturing</b>	PBS T25 3-5ml T75 5-10ml PBS T25	1-2m
---------------------	----------------------------------	------

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

<b>Fluid renewal</b>	1 2
----------------------	-----

<b>Post-Thaw Recovery</b>	
---------------------------	--

<b>Freeze medium</b>	FBS 10 DMSO	CM-1
----------------------	-------------	------

1 | 300411

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% CO<sub>2</sub>

Flask Coating				

**Freezing Procedure** -78

Shipping Conditions				
		-78		

**Storage Conditions** -150 -196 80

**HLA**

Sterility				
		PCR		

1 | 300411

---

**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