

ImWilms10T | 300419

Description

ImWilms10T is a cell line derived from a Wilms tumor (WT) of a 10-year-old child. It is a highly tumorigenic cell line that grows in suspension and is characterized by its ability to form teratomas in immunodeficient mice. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10% human platelet-derived growth factor (hPDGF). The cell line is characterized by its ability to form teratomas in immunodeficient mice. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10% human platelet-derived growth factor (hPDGF).

Organism Human

Tissue Kidney

Disease Wilms tumor

Synonyms IM-WT-10

Age 10 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Cell type Epithelial

Growth properties High tumorigenicity

Citation ImWilms10T (ATCC CRL-2739) | ATCC 300419

Biosafety level 1

NCBI_TaxID 9606

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CellosaurusAccession CVCL_DF34

GMO Status GMO-S1:   imWilms10T   SV40 T-antigen             

Mutational profile   WT1:   WT1   11p13              

Culture Medium  MSCGM ()

Dissociation Reagent 

Subculturing         PBS            

Fluid renewal 1  2  

Freeze medium      (  FBS) + 10% DMSO             

Thawing and Culturing Cells

1.                   
2.           -150         
3.                   
4.                   
5.                   
6.     300 ×   3             
7.      10              
8.                   

Product sheet

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Incubation Atmosphere 37 

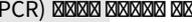
Flask Coating 

Freezing Procedure -78

Shipping Conditions -78

Storage Conditions -150 -196 

/ / HLA

Sterility  (PCR) 


- HLA** **A***: '01:01:01, '11:01:01
- B***: '18:01:01, '27:05:02
- C***: '01:02:01, '12:03:01
- DRB1***: '01:01:01, '11:04:01
- DQA1***: '01:01:01, '05:05:01
- DQB1***: '03:01:01, '05:01:01
- DPB1***: '04:01:01:01g, '04:02:01g
- E**: '01:01:01