

Wilms10M | 300418

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Description

Wilms10M is a cell line derived from a Wilms tumor (WT) (Wilms tumor), a type of kidney cancer. It is a highly tumorigenic cell line that grows in suspension. Wilms10M is a cell line derived from a Wilms tumor (WT) (Wilms tumor), a type of kidney cancer. It is a highly tumorigenic cell line that grows in suspension. Wilms10M is a cell line derived from a Wilms tumor (WT) (Wilms tumor), a type of kidney cancer. It is a highly tumorigenic cell line that grows in suspension.

Organism Human

Tissue Kidney

Disease Wilms tumor

Applications Cell culture, drug screening, cancer research

Synonyms Wilms10

Characteristics

Age 10-15 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial cells

Cell type Epithelial cells

Growth properties High tumorigenicity

References

Citation Wilms10M (Cytion 300418)

Biosafety level 1

Product sheet

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NCBI_TaxID 9606

CellosaurusAccession CVCL_A5SL

Cell Line ID CVCL_A5SL-1

Mutational profile WT1: del WT1 del11p13. LOH: 11p13 UPD 11p15. CTNNB1: del

Cell Line ID CVCL_A5SL-1

Culture Medium MSCGM (Lonza)

Dissociation Reagent Trypsin

Subculturing Seed cells into 25cm² flasks with 10ml MSCGM. Split ratio 1:3-5. Passages 3-5.

Freeze medium MSCGM + 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath. Add 10ml MSCGM to a 25cm² flask.
 2. Centrifuge at 300 x g for 3 min. Remove supernatant and wash with MSCGM.
 3. Resuspend cells in 10ml MSCGM and seed into a 25cm² flask.
 4. Seed cells into a 25cm² flask with 10ml MSCGM. Seed density: 70% confluency.
 5. Seed cells into a 25cm² flask with 10ml MSCGM. Seed density: 15 x 10⁶ cells.
 6. Seed cells into a 25cm² flask with 10ml MSCGM. Seed density: 3 x 10⁶ cells.
 7. Seed cells into a 25cm² flask with 10ml MSCGM. Seed density: 10 x 10⁶ cells.
 8. Seed cells into a 25cm² flask with 10ml MSCGM. Seed density: 10 x 10⁶ cells.

