

Product sheet

WT-CLS1 | 300379

WT-CLS1

Description	WT-CLS1 is a cell line derived from a patient with CLL in 1998. It is a B cell line, established from peripheral blood mononuclear cells (PBMC) of a patient with CLL. The cell line is maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. It is a clonal cell line derived from a single cell.
Organism	Human
Tissue	Blood
Disease	Chronic lymphocytic leukemia (CLL)
Synonyms	CLS1

Characteristics

Age	5 years
Gender	Male
Ethnicity	White
Morphology	Small, round cells
Cell type	B cell
Growth properties	Adherent, slow growing

References

Citation	WT-CLS1 (Cytion 300379)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_5904

Notes

Tumorigenic	Not tumorigenic in nude mice.
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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the vial to touch the bottom of the water bath. Transfer the cells to a pre-warmed tube.
2. Centrifuge at 300 x g for 3 minutes. Resuspend the cells in 100 µl of pre-warmed medium.
3. Seed the cells into a pre-warmed well of a 96-well plate.
4. Incubate the cells in a humidified CO₂ incubator at 37°C and 5% CO₂.
5. After 24 hours, check the cell viability and adjust the cell density if necessary.
6. Harvest the cells for PCR analysis.
7. Store the remaining cells at -150°C for future use.
8. Dispose of the vial and tube according to the laboratory safety protocol.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells into a pre-cooled tube, centrifuge at 300 x g for 3 minutes, resuspend in 100 µl of freezing medium, and store at -150°C.

Shipping Conditions Store at -150°C in a dry ice container.

Storage Conditions Store at -150°C for up to 196 days.

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Sterility The cells are provided in a sterile, sealed vial. No PCR inhibitors are present.

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HLA

A*: 02:01:01, 02:17:02

B*: '18:03:01, '51:01:01

C*: 07:01:01, 15:02:01

DRB1*: 11:04:01, 14:54:01

DQA1*: '01:04:01, '05:05:01

DQB1*: 03:01:01, 05:03:01

DPB1*: '02:01:02G, '04:02:01G

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