

Product sheet

WT-CLS1 | 300379

General Information

Description	WT-CLS1 cell line derived from a patient with CLL in 1998. Cells are maintained in RPMI 1640 medium supplemented with 10% FCS.
Organism	Human
Tissue	Blood
Disease	Chronic Lymphocytic Leukemia (CLL)
Synonyms	CLS1

Characteristics

Age	5 years
Gender	Male
Ethnicity	White
Morphology	Small, non-adherent cells
Cell type	Leukocytes
Growth properties	Dependent on IL-4 and IL-6

Documentation

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

Genetic Information

Tumorigenic	Not tumorigenic in SCID-hu mice
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Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Wash the cells with PBS. Resuspend in 100 µl of medium.
3. Seed the cells into a 96-well plate (37 wells) at a density of 37 cells per well.
4. Incubate at 37°C in 5% CO2. Monitor cell growth. Harvest at 70% confluency.
5. Harvest cells into RNeasy lysis buffer. Store at -15°C.
6. Add 10 µl of RNeasy spin column. Spin at 10,000 x g for 10 minutes.
7. Wash with RNeasy wash buffer. Spin at 10,000 x g for 10 minutes.
8. Elute RNA into 30 µl of RNase-free water. Store at -80°C.

Incubation Atmosphere 37 °C, 5% CO₂

Flask Coating Not required

Freezing Procedure Harvest cells into RNeasy lysis buffer. Store at -15°C.

Shipping Conditions Store at -15°C.

Storage Conditions Store at -150 to -196°C.

WT-CLS1 / WT-CLS1 / HLA

Sterility The product is sterile and free of mycoplasmas. PCR detection of mycoplasmas is negative.

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XXXXXXXX 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*: '02:01:01:02XXXX'04:02:01X

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