

WIL2 | 302011

General information

Description	Wil2 is a B cell line derived from a patient with Burkitt's lymphoma. It is characterized by the presence of the t(8;22) translocation, which results in the overexpression of the c-myc gene. The cells are highly proliferative and are used for the study of B cell biology and cancer. Wil2 cells are CD19+, CD20+, and CD22+. They are also positive for EBV, which is a characteristic feature of Burkitt's lymphoma.
Organism	Human
Tissue	B cell
Disease	Burkitt's lymphoma
Synonyms	WIL-2, Wil.2, WI-L2, Wi-L2

Cell characteristics

Age	5 years
Gender	Female
Ethnicity	Chinese
Cell type	B cell
Growth properties	Adherent

Cell culture conditions

Citation	WIL2 (Cytion 302011)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_6544

Cell culture conditions

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Karyotype 46, XXXXXXXXXX

XXXXXX

Culture Medium RPMI 1640, w: 2.0 mM XXXXXXXX XXXX, w: 2.0 g/L NaHCO₃ (XXXX XXXXXXXX Cytion 820700a)

Supplements XXXX XXXXX 10% FBS

Subculturing XXXX XX XXXXXXXXXX/XX 5-6 XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX 5 x 10

Seeding density 1 x 10⁵ XXXX/XX

Fluid renewal XXXXXXX XXXXX

Post-Thaw Recovery XXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXX, XX XXXXXXX XXXXXXX XXXXXXX XXXX (XXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX, XX C

Thawing and Culturing Cells

1. XXX XXXXXXXXXX XXXX XXXX XXXXXXXXXX XXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXX XXX XXXXXXX XX XXXXXXXXXX XXXXXXXXXX XXXXXXX
2. XX XXXX XXXXXXX, XXXX XX XXXXXXXXXX XXXXXXXXXX XXX XXXXXXXXXX XXXXXXX -150°C XXX XXXXXXX XX XXXXXXX XXXXXXX XXXXXXX, XX XXXXXXX
3. XXXXXXX XXXXXXX XXXXXXX, XXXXXXX XX XXXXXXXXXX XXXXXXXXXX XX XXX XXXXXXX XXXXXXX XXX XXXXXXXXXX XX 37 XXXXXXX XXXXXXX XX XXXXXXX
4. XXX XX XX XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXX, XXXX XX XXXXXXXXXX XXXXXXXXXX XXXXXXX 70% XXXX XXXXXXX
5. XXX XXXXXXXXXX XX XXXXXXXXXX XXXXXXX XXXXXXX XX XXXXXXX XXXXXXX XXXXXXXXXX XXXXXXX 15 XX' XXXXXXX 8 XX' XX XXX XXXXXXX XXXXXXX
6. XXXXXXX XX XXXXXXXXXX XXXXXXXXXX -300 x g XXXX 3 XXXX XXX XXXXXXX XX XXXXXXX, XXXXXXX XXXXXXXXXX XX XXXXXXX XXXXXXX XXXXXXX XXXXXXX
7. XXXXXXX XXXXXXX XX XXXX XXXXXXX -10 XX' XX XXX XXXXXXX XXXX. XXXX XXXX XXXXXXX, XXXX XX XXXXXXXXXX XXX XXX XXXXXXXXXX XXXXXXX T2
8. XXXXXXX XX XXXXXXXXXX XX-XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXX XX XX XXXXXXX, XXX XXXXXXXXXX XXXXXXX XXXXXXX XXXXXXX

Product sheet

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Incubation
Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

yes

Freezing
Procedure

After seeding, cells are grown to confluence. Cells are then harvested by trypsinization and resuspended in freezing medium. The suspension is then aliquoted into 1 ml vials and frozen at -78°C.

Shipping
Conditions

After seeding, cells are grown to confluence. Cells are then harvested by trypsinization and resuspended in freezing medium. The suspension is then aliquoted into 1 ml vials and frozen at -78°C.

Storage
Conditions

After seeding, cells are grown to confluence. Cells are then harvested by trypsinization and resuspended in freezing medium. The suspension is then aliquoted into 1 ml vials and frozen at -150 to -196 °C.

HLA typing results

Sterility

After seeding, cells are grown to confluence. Cells are then harvested by trypsinization and resuspended in freezing medium. The suspension is then aliquoted into 1 ml vials and frozen at -150 to -196 °C.

HLA

A*: '01:01:01, '02:01:01
B*: '53:38:02, '57:01:01
C*: 06:02:01, 14:02:01
DRB1*: 07:01:01
DQA1*: 02:01:01
DQB1*: '02:02:01G, '03:03:02
DPB1*: '13:01:01G, '16:01:01