

JVM-3 | 305266

General information

Description	JVM-3 is a primary B cell lymphoma cell line derived from a 73-year-old female patient with diffuse large B-cell lymphoma (DLBCL). The cells are maintained in RPMI 1640 + 10% FBS medium. JVM-3 is a B-PLL, derived from a patient with B-cell prolymphocytic leukemia (B-PLL). The cells are maintained in RPMI 1640 + 10% FBS medium. JVM-3 is a B-PLL, derived from a patient with B-cell prolymphocytic leukemia (B-PLL). The cells are maintained in RPMI 1640 + 10% FBS medium.
Organism	Human
Tissue	Blood
Disease	B-cell prolymphocytic leukemia (B-PLL)
Metastatic site	Not applicable
Applications	Flow cytometry, Western blotting, PCR, and other molecular biology techniques.
Synonyms	JVM3

Cell characteristics

Age	73 years
Gender	Female
Ethnicity	Not specified
Morphology	Large, atypical lymphoid cells with prominent nucleoli and high nuclear-to-cytoplasmic ratio.
Cell type	B cell
Growth properties	Slow growing

Additional information

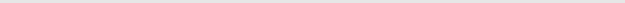
Citation	JVM-3 (Cytion: 305266)
Biosafety level	1

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NCBI_TaxID 9606

CellosaurusAccession CVCL_1320

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Mutational profile  p.Pro1435Leu, ;  p.Lys601Asn, 

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Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent (  )

Doubling time ~30 日

Subculturing 2-5 × 10⁵ cells/100 mm dish, 2-3 times. Cells are typically subcultured every 2-3 days.

Split ratio 1 3

Seeding density $3 \times 5 \times 10^5$ $\frac{\text{seeds}}{\text{m}^2}$

Fluid renewal ☒ 2-3 ☒☒☒☒

Freeze medium DMEM supplemented with 10% FBS + 10% DMSO

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**Thawing and
Culturing Cells**

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

**Incubation
Atmosphere**

37°C, 5%_{CO2}, XXXXXXXXXX XXXX

**Shipping
Conditions**

XXXXXXXX XXXXX XXXXXXXXXX XXXXXXXXXX XXXXX XXX XXXXXXXXXX XXXXXXXXXX XXXXXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXXXXX XXX XXXXXXXXXX XXX -78°C

**Storage
Conditions**

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