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**Description**

Cell line derived from a patient with B-cell acute lymphoblastic leukemia (ALL) and is characterized by the presence of a BCR-ABL1 fusion gene. The cell line is maintained in RPMI 1640 medium supplemented with 10% fetal bovine serum (FBS) and 1% penicillin-streptomycin. It is a human cell line.

**Organism**

**Tissue**

**Disease** B

**Metastatic site** B

**Applications** B, , , , , .

**Synonyms** JIYOYE, , JIJOYE, P-2003, P3( ), P-3- , P3- , P-3J, P3J, (P-2003), (P-2003), JiyoyeP-2003, OB2, GM04678

**Age** 7

**Gender**

**Ethnicity**

**Cell type** B

**Growth properties**

**Citation** ( 300366)

**Biosafety level** 1

**NCBI\_TaxID** 9606

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**CellosaurusAccession** CVCL\_1317

**Antigen expression** CD10+, CD19+

**Karyotype** 46,

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

**Supplements** 10% FBS

**Subculturing** .  $5 \times 10^5$  /ml ,  $3 \times 10^5 \sim 1 \times 10^6$  /ml .

**Seeding density**  $3 \times 10^5$  /mL

**Fluid renewal** 2~3

**Post-Thaw Recovery** (48 )

**Freeze medium** (FBS ) + 10% DMSO , CM-1(Cytion 800100)

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**Thawing and Culturing Cells**

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub> .

**Flask Coating**

**Freezing Procedure** -78°C .

**Shipping Conditions**

-78°C .

**Storage Conditions** -150°C -196°C .80°C .

/ / HLA

**Sterility** PCR .

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**HLA**

**A\***: '03:01:01, '74:01:01

**B\***: '53:01:01, '58:01:01

**C\***: '04:01:01

**DRB1\***: '11:02:01, '15:03:01

**DQA1\***: '01:02:01, '05:05:01

**DQB1\***: '03:19:01, '06:02:01

**DPB1\***: '01:01:01, '02:01:02

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