

**BJ | 305222**

**Description**

BJ is a cell line derived from a patient with a B-cell acute lymphoblastic leukemia (ALL). The cell line is characterized by a high degree of genetic heterogeneity and is highly sensitive to chemotherapy. BJ is a cell line that is highly sensitive to chemotherapy and is used for the study of drug resistance in ALL. BJ is a cell line that is highly sensitive to chemotherapy and is used for the study of drug resistance in ALL. BJ is a cell line that is highly sensitive to chemotherapy and is used for the study of drug resistance in ALL. BJ is a cell line that is highly sensitive to chemotherapy and is used for the study of drug resistance in ALL.

**Organism**   **Tissue**

**Synonyms**   FF-WT-BJ BJ1

**Age**  

**Gender**  

**Ethnicity**  

**Morphology**  

**Cell type**  

**Growth properties**  

**Citation**   BJ (305222)

**Biosafety level**   1

**NCBI\_TaxID**   9606

**CellosaurusAccession**   CVCL\_3653

## BJ | 305222

### Karyotype

Human karyotype BJ 46,XX,t(11;17)(p11;p11)

### Culture Medium

DMEM 4.5 g/l, 4 mM Glucose, 3.7 mM NaHCO<sub>3</sub>, 1.0 mM Sodium Pyruvate (8200)

### Supplements

10% FBS, 20 ng/ml bFGF

### Dissociation Reagent

Trypsin

### Subculturing

Cells are cultured in DMEM supplemented with 10% FBS and 20 ng/ml bFGF. For subculturing, cells are trypsinized and resuspended in PBS.

### Freeze medium

DMEM supplemented with 10% FBS + 10% DMSO

### Thawing and Culturing Cells

1. Thaw cells rapidly in a 37°C water bath.
2. Dilute cells into DMEM supplemented with 10% FBS and 20 ng/ml bFGF.
3. Seed cells into a T25 flask.
4. Incubate cells at 37°C in 5% CO<sub>2</sub> until 70% confluent.
5. Harvest cells by trypsinization and resuspend in DMEM supplemented with 10% FBS and 20 ng/ml bFGF.
6. Seed cells into a 30 × 30 × 3 mm well of a 96-well plate.
7. Incubate cells at 37°C in 5% CO<sub>2</sub> until 10% confluent.
8. Harvest cells by trypsinization and resuspend in DMEM supplemented with 10% FBS and 20 ng/ml bFGF.

### Incubation Atmosphere

37°C, 5% CO<sub>2</sub>

### Flask Coating

None

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**Freezing Procedure** -78

**Shipping Conditions** -78

**Storage Conditions** -150 -196

/ / HLA

**Sterility** (PCR)