

Product sheet

DB | 305048

General information

Description	DB is a cell line derived from a 45-year-old male patient with a diagnosis of B-cell lymphoma. The cell line is characterized by its high proliferation rate and its ability to form colonies in soft agar.
Organism	Human
Tissue	Cell line
Disease	B-cell lymphoma, B-cell

Cell characteristics

Age	45 years
Gender	Male
Ethnicity	White
Morphology	Cell line
Growth properties	Cell line

Cell line identification

Citation	DB (DB) Cytion 305048
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1168

Cell line maintenance

Media

Culture Medium	RPMI 1640, w: 2.0 mM NaHCO_3 (Cytion 820700a)
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CellDB | 305048

Supplements CellDB 20% FBS medium

Doubling time 50 hours

Subculturing CellDB 5% FBS medium

Fluid renewal 2-3 times per week

Freeze medium CellDB 10% FBS + 10% DMSO medium

Thawing and Culturing Cells

1. Thaw cells quickly in a 37°C water bath, transfer to a 15 mL tube, and add 10 mL of CellDB 5% FBS medium.
2. Centrifuge at 300 x g for 5 minutes, remove supernatant, and resuspend in 10 mL of CellDB 5% FBS medium.
3. Seed cells into a T25 flask containing 10 mL of CellDB 5% FBS medium.
4. Incubate cells in a humidified 5% CO₂ incubator at 37°C.
5. Monitor cell growth and confluency daily.
6. Once cells reach 70-80% confluency, perform a subculture.
7. Add 5 mL of CellDB 5% FBS medium to the T25 flask.
8. Seed cells into a new T25 flask containing 10 mL of CellDB 5% FBS medium.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Not required

Freezing Procedure Cells can be frozen in CellDB 10% FBS + 10% DMSO medium at -80°C.

Shipping Conditions Cells can be shipped at -80°C.

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