

Product sheet

SW780 | 305098

General information

Description	Human B-cell lymphoma cell line (Thiotepa). Proliferation rate: 41%.
Organism	Human
Tissue	Cell culture
Disease	B-cell lymphoma
Synonyms	SW-780, SW 780

Cell characteristics

Age	80 days
Gender	Male
Ethnicity	European
Morphology	Epithelial
Growth properties	Adherent

Identification and documentation

Citation	SW780 (Cytion 305098)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1728

Genetic and molecular data

Tumorigenic	Yes
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Notes

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Culture Medium DMEM, w: 4.5 g/L $\text{CaCl}_2 \cdot \text{H}_2\text{O}$, w: 4 mM L- Asparagine , w: 3.7 g/L NaHCO_3 , w: 1.0 mM $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$ (Cytion 820300a)

Supplements $\text{CaCl}_2 \cdot \text{H}_2\text{O}$ 10% FBS

Dissociation Reagent $\text{CaCl}_2 \cdot \text{H}_2\text{O}$

Subculturing Cells are grown in 25 cm² flasks in DMEM supplemented with 10% FBS. For subculturing, cells are trypsinized with 2.5 ml of 0.25% trypsin-EDTA solution for 3-5 min at 37°C. Cells are then washed with PBS and resuspended in DMEM.

Fluid renewal 2-3 times per week

Freeze medium $\text{CaCl}_2 \cdot \text{H}_2\text{O}$ 10% FBS + 10% DMSO (Cytion 820300a) + 10% DMSO (Cytion 820300a) + 10% DMSO (Cytion 820300a)

Thawing and Culturing Cells

1. Cells are thawed in a water bath at 37°C and then washed with PBS.
2. Cells are resuspended in DMEM and seeded into 25 cm² flasks.
3. Cells are grown in DMEM supplemented with 10% FBS.
4. Cells are trypsinized with 2.5 ml of 0.25% trypsin-EDTA solution for 3-5 min at 37°C.
5. Cells are washed with PBS and resuspended in DMEM.
6. Cells are seeded into 25 cm² flasks.
7. Cells are grown in DMEM supplemented with 10% FBS.
8. Cells are trypsinized with 2.5 ml of 0.25% trypsin-EDTA solution for 3-5 min at 37°C.

Incubation Atmosphere 37°C, 5% CO_2 , humidified

Flask Coating $\text{CaCl}_2 \cdot \text{H}_2\text{O}$

Freezing Procedure Cells are washed with PBS and resuspended in DMEM. Cells are then seeded into 25 cm² flasks.

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Shipping
Conditions

Shipping conditions: The product is shipped in a temperature-controlled container at -78°C .

Storage
Conditions

Storage conditions: The product is stored at -150 to -196°C in a temperature-controlled container.

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Sterility

The product is sterile and suitable for PCR applications. The product is sterile and suitable for PCR applications. The product is sterile and suitable for PCR applications.