

Product sheet

SW-579 | 300346

SW-579

Description SW-579 is a cell line derived from a patient with a specific condition. It is characterized by its unique genetic profile and is used for research purposes. The cell line is maintained in a specific medium and is available in a 10% v/v concentration. It is a primary cell line derived from a patient with a specific condition. It is characterized by its unique genetic profile and is used for research purposes. The cell line is maintained in a specific medium and is available in a 10% v/v concentration.

Organism Human

Tissue Adipose tissue

Disease Obesity

Synonyms SW579, SW 579

SW-579

Age 59 years

Gender Male

Ethnicity Caucasian

Morphology Adipocytes

Growth properties Adipogenic, Differentiation

SW-579

Citation SW-579 (Cytion 300346)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_3603

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SW-579 | 300346

Antigen expression O, Rh+

Isoenzymes Me-2, 1-2, PGM3, 1, PGM1, 1-2, ES-D, 1, AK-1, 1, GLO-1, 2, G6PD, B, 0.0209

Oncogenes Myc +, myb +, ras +, fos +, sis +, p53 +, abl -, ros -, src -, N-myc -.

Tumorigenic, spindle giant cell

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

Supplements 10% FBS

Dissociation Reagent

Subculturing T25, 3-5' PBS, 3

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

SW-579 | 300346

Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
3. Once the cells have reached confluence, they can be used for experiments or passaged. Passaging should be performed using a 1:3 split ratio.
4. The cells should be passaged every 3-4 days to maintain optimal growth conditions.
5. The cells should be passaged into a flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
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7. The cells should be passaged into a flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.
8. The cells should be passaged into a flask containing 15 mL of medium. Incubate at 37°C with 5% CO₂.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Flasks should be coated with the appropriate coating solution before use.

Freezing Procedure

Cells should be frozen in a freezing medium and stored at -80°C.

Shipping Conditions

Cells should be shipped on dry ice at -78°C.

Storage Conditions

Cells should be stored at -150°C for up to 196 days.

HLA

Sterility

Cells are provided in a sterile, single-use vial.

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