

Product sheet

SW-403 | 300350

SW-403

Description SW-403 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 known for its stability and reproducibility. SW-403 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 known for its stability and reproducibility.

Organism Human

Tissue Tissue

Disease Disease

Synonyms SW403, SW 403, SW 403

SW-403

Age 51

Gender Gender

Ethnicity Ethnicity

Morphology Morphology

Growth properties Growth properties

SW-403

Citation SW-403 (300350)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0545

SW-403

SW-403 | 300350

Antigen expression CSAp (CSAp-)

Isoenzymes G6PD, B, PGM1, 1, PGM3, 1-2, 6PGD, A, ES-D, 1, PEP-D, 1

Tumorigenic

Reverse transcriptase

Products (CEA) 155 / 10 / 6 / 10

Mutational profile SW-403 12: GGT>GTT

SW-403

Culture Medium

Supplements 10% FBS

Dissociation Reagent

Subculturing

Fluid renewal 1 2

Freeze medium (FBS) + 10% DMSO

SW-403 | 300350

Thawing and Culturing Cells

1. Thaw the vial in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 ml of pre-warmed medium.
3. Seed the cells into a T75 flask containing 37 ml of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified atmosphere of 5% CO₂. The cells should reach 70% confluency within 24 hours.
5. Once the cells are confluent, passage them into a new T75 flask with 15 ml of fresh medium.
6. After 24 hours, the cells should be at 80% confluency.
7. Harvest the cells by trypsinization and centrifugation.
8. Resuspend the cells in 1 ml of PBS and count them.

Incubation Atmosphere

37°C, 5% CO₂

Flask Coating

Not required

Freezing Procedure

Resuspend cells in 1 ml of freezing medium and transfer to a cryovial. Store at -80°C.

Shipping Conditions

Store at -80°C during shipping.

Storage Conditions

Store at -150°C to -196°C in liquid nitrogen.

HLA

Sterility

The product is sterile and free of mycoplasmas. PCR testing is recommended for confirmation.

XXXXXXXX SW-403 | 300350

XXXXXXXX HLA

A*: '02:05:01, '03:01:01

B*: '07:02:01, '49:01:01

C*: '07:01:01, '07:02:01

DRB1*: '04:01:01, '04:05:01

DQA1*: '03:03:01

DQB1*: '03:01:01, '03:02:01

DPB1*: '04:01:01

E: '01:03:02, '01:03:05