

### MeWo | 300285

#### MeWo

**Description** MeWo (MeWo) is a cell line derived from a 78-year-old male patient with melanoma (VZV), established from a primary melanoma biopsy. MeWo is a melanoma cell line derived from a 78-year-old male patient with melanoma (VZV), established from a primary melanoma biopsy.

**Organism** Human

**Tissue** Skin

**Disease** Melanoma

**Metastatic site** Skin

**Applications** Cell culture, drug screening

**Synonyms** MEWO, Mewo, Me Wo, Me-Wo, Mevo, SK-MEL-MeWo, Mel-MeWo, BI-Mel, EST50

#### MeWo

**Age** 78 years

**Gender** Male

**Ethnicity** German

**Morphology** Epithelial

**Growth properties** Adherent

#### MeWo

**Citation** MeWo (MeWo) Cytion 300285

**Biosafety level** 1

**NCBI\_TaxID** 9606



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**Thawing and Culturing Cells**

1. **Thawing:** Thaw the vial rapidly in a 37°C water bath. Do not allow the cells to reach room temperature.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 3 minutes at 4°C. Remove the supernatant and resuspend the cells in 10 ml of pre-warmed complete medium.
3. **Seeding:** Seed the cells into a T25 flask containing 50 ml of pre-warmed complete medium.
4. **Incubation:** Incubate the cells at 37°C in 5% CO<sub>2</sub> until they reach 70% confluency.
5. **Passaging:** When cells reach 70% confluency, passage them into a new T25 flask with 15 ml of fresh complete medium.
6. **Medium Change:** Change the medium every 3-4 days to ensure optimal growth.
7. **Subculturing:** Once cells reach 70-80% confluency, they can be subcultured into a T75 flask or cryopreserved.
8. **Quality Control:** Regularly monitor cell morphology and growth rate to ensure the health of the culture.

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating**

Yes

**Freezing Procedure**

Cells should be frozen in a cryoprotective medium and stored at -78°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.

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**Sterility**

Cells are provided in a sterile, cryoprotective medium. PCR screening is available upon request. All components are sterile and free of mycoplasma contamination.

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HLA

**A\***: '02:01:01, '26:01:01

**B\***: 14:02:01, 38:01:01

**C\***: 08:02:01, 12:03:01

**DRB1\***: '01:02:01, '11:01:01G

**DQA1\***: '01:01:02, '05:05:01

**DQB1\***: '03:01:01G, '05:01:01G

**DPB1\***: '04:01:01G, '04:02:01G

**E**: '01:xx, '01:03:01