

Product sheet

OV-90 | 305849

Overview

Description OV-90 (E.O.C.) is a cell line derived from a 64-year-old female patient with epithelial ovarian carcinoma. The cell line is characterized by its high tumorigenicity and ability to form xenografts in nude mice. It is a highly proliferative cell line that grows in the presence of 10% fetal bovine serum (FBS) in DMEM medium. The cell line is maintained in a continuous culture and is characterized by its high tumorigenicity and ability to form xenografts in nude mice. It is a highly proliferative cell line that grows in the presence of 10% fetal bovine serum (FBS) in DMEM medium.

Organism Human

Tissue Ovary

Disease Epithelial ovarian carcinoma

Synonyms OV90

Characteristics

Age 64 years

Gender Female

Ethnicity Caucasian

Cell type Epithelial

Growth properties High proliferation rate

References

Citation OV-90 (Cytion 305849)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_3768

Additional information

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Thawing and Culturing Cells

1. Thaw the cells quickly 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 10-15 mL of pre-warmed medium. Incubate at 37°C with 5% CO₂.
3. Once the cells have attached, replace the medium with fresh pre-warmed medium. Change the medium every 2-3 days.
4. When the cells reach confluence, passage them into a new flask. Use a trypsin solution to detach the cells. Seed at 70% confluence.
5. The cells should reach confluence within 15-20 days. Passage the cells every 15-20 days. Use a trypsin solution to detach the cells. Seed at 70% confluence.
6. Once the cells have reached confluence, passage them into a new flask. Use a trypsin solution to detach the cells. Seed at 70% confluence.
7. The cells should reach confluence within 10-15 days. Passage the cells every 10-15 days. Use a trypsin solution to detach the cells. Seed at 70% confluence.
8. Once the cells have reached confluence, passage them into a new flask. Use a trypsin solution to detach the cells. Seed at 70% confluence.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Yes

Shipping Conditions

Cells are shipped in a dry ice container. The container should be kept at -78°C.

Storage Conditions

Cells can be stored in liquid nitrogen for up to 12 months. Store at -150°C.

HLA

Sterility

Cells are supplied in a sterile, serum-free medium. PCR screening is available.

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