

CFPAC-1 | 305066

Cell Line

Protein expression CA19-9 (Cea) 9 / POA (Poa) 28

Antigen expression CA19-9 12000

Tumorigenic Yes

Media

Culture Medium IMDM 4.5 / FBS 4 / HEPES 1.0

Supplements FBS 10

Dissociation Reagent Trypsin

Subculturing 1:3

Fluid renewal 2-3

Freeze medium FBS + 10% DMSO

CFPAC-1 | 305066

Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Transfer the cells to a 15 mL centrifuge tube and centrifuge at 300 x g for 3 minutes. Remove the supernatant and resuspend the cells in 10 mL of complete medium. Seed the cells into a 75 cm² flask.
2. Incubate the cells in a humidified atmosphere of 5% CO₂ at 37°C. Monitor the cell growth and passage the cells when they reach 70-80% confluency.
3. For passage, trypsinize the cells and seed them into a new flask. Use a 1:3-1:5 split ratio.
4. The cells should reach confluency within 3-5 days. If the cells do not grow, check the medium and incubation conditions.
5. For long-term storage, harvest the cells and freeze them in a cryovial with 10% DMSO. Store the cells at -150°C to -196°C.
6. Thaw the cells in a water bath at 37°C and follow the same procedure as above.
7. The cells should be ready for use within 2-3 weeks.
8. Maintain the cells in a humidified atmosphere of 5% CO₂ at 37°C.

Incubation Atmosphere 37°C, 5% CO₂, humidified atmosphere

Flask Coating The cells are not adherent and do not require flask coating.

Freezing Procedure Harvest the cells and freeze them in a cryovial with 10% DMSO. Store the cells at -150°C to -196°C.

Shipping Conditions The cells can be shipped at room temperature for up to 72 hours.

Storage Conditions The cells can be stored at room temperature for up to 72 hours.

CFPAC-1 / HLA

Sterility

The cells are provided in a sterile, cryoprotected medium. The cells are not adherent and do not require flask coating.