

Product sheet

AsPC-1 | 300158

AsPC-1 | 300158

Description

AsPC-1 is a cell line derived from a 62-year-old male patient with pancreatic adenocarcinoma. The cell line is characterized by its ability to grow in suspension and its sensitivity to HDAC AR-42, LTP-1, and STAT3 inhibitors.

Organism Human

Tissue Pancreas

Disease Pancreatic adenocarcinoma

Metastatic site Liver

Synonyms AsPC-1, AsPC-1, AsPC-1, AsPC-1, AsPC-1, AsPC-1, AsPC-1, AsPC-1, AsPC-1, AsPC-1

AsPC-1 | 300158

Age 62 years

Gender Male

Ethnicity Caucasian

Growth properties Adherent

AsPC-1 | 300158

Citation AsPC-1 (ATCC CRL-2739) | 300158

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0152

AsPC-1 | 300158

Thawing and Culturing Cells

1. Thaw the cells rapidly 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. Resuspend the cells in pre-warmed medium.
3. Seed the cells into a pre-warmed flask containing 37 mL of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified CO₂ incubator with 70% relative humidity.
5. Monitor the cell growth and passage the cells when they reach 80-90% confluency.
6. Pass the cells into a new flask containing 300 x g for 3 minutes. Resuspend the cells in pre-warmed medium.
7. Seed the cells into a pre-warmed flask containing 10 mL of pre-warmed medium.
8. Incubate the cells at 37°C in a humidified CO₂ incubator with 70% relative humidity.

Incubation Atmosphere 37°C, 5% CO₂, 95% O₂

Flask Coating Cell culture flasks should be coated with Cell Culture Adhesion Promoter (CCAP) before use.

Freezing Procedure Harvest cells and resuspend in freezing medium. Freeze cells in a controlled rate freezer at -1°C/min to -80°C.

Shipping Conditions Cells should be shipped at -80°C in a dry ice container.

Storage Conditions Cells should be stored at -150°C to -196°C in liquid nitrogen.

AsPC-1 / AsPC-2 / HLA

Sterility Cells are provided in a sterile, cryoprotected state. They are not tested for mycoplasma contamination. (PCR) testing is recommended.

XXXXXXXXAsPC-1 | 300158

XXXXXXXX HLA

- A*: '01:01:01, '26:01:01
- B*: '15:01:01
- C*: '03:03:01, '03:04:01
- DRB1*: '04:01:01, '13:02:01
- DQA1*: '01:02:01, '03:01:01
- DQB1*: '03:02:01, '06:04:01
- DPB1*: '04:01:01:01 XXX'10:01:01:01 X
- E: '01:01, '01:03