

PM-LGSOC-01 | 300305

PM-LGSOC-01

Description	PM-LGSOC-01 is a human pancreatic ductal adenocarcinoma (LGSOC) cell line. It was established from a 62-year-old male patient with pancreatic ductal adenocarcinoma. The cell line is characterized by its high growth rate and its ability to form tumors in nude mice. PM-LGSOC-01 is a human pancreatic ductal adenocarcinoma (LGSOC) cell line. It was established from a 62-year-old male patient with pancreatic ductal adenocarcinoma. The cell line is characterized by its high growth rate and its ability to form tumors in nude mice.
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Organism	Human
Tissue	Pancreas
Disease	Pancreatic ductal adenocarcinoma
Metastatic site	None
Synonyms	M28/2

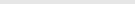
Cell characteristics

Age	60 years
Gender	Male
Morphology	Epithelial
Growth properties	High

Cell line identification

Citation	PM-LGSOC-01 (PM-LGSOC-01) 300305
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_xx32

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Mutational profile  KRAS c.35 G > T (p.(Gly12Val))

XXXXXXXXXXXX

Culture Medium EMEM (MEM Eagle) 2 10000 100000 2.2 100 NaHCO₃ 1 EBSS (1000 820100a 1000000)

Supplements 10 1

Dissociation Reagent $\text{Ca}^{2+}/\text{Mg}^{2+}$

Doubling time 42 ☐☐☐☐

Subculturing

Split ratio 1:20

Seeding density 1×10^4 /

Freeze medium α MEM β MEM γ MEM δ MEM ϵ MEM ζ MEM (MEM α MEM β MEM γ MEM δ MEM ϵ MEM ζ MEM) + 10% DMSO MEM α MEM β MEM γ MEM δ MEM ϵ MEM ζ MEM

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Thawing and
Culturing Cells

1. 将细胞从液氮中取出，放入37°C水浴中快速解冻，离心（500g，5min），弃去上清液，用无血清培养基重悬细胞，接种到含有10% FBS的培养基中。
2. 将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。
3. 将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。
4. 将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。
5. 将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。
6. 将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。
7. 将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。
8. 将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。

Incubation
Atmosphere

37 °C, 5% CO₂

Flask Coating

无涂层

Freezing
Procedure

将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。

Shipping
Conditions

将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。

Storage
Conditions

将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。

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Sterility

将细胞接种到含有10% FBS的培养基中，在37°C、5% CO₂条件下培养24-48小时，使细胞贴壁。

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STRCSF1PO: 1011
D13S317: 1213
D16S539: 1013
D5S818: 1112
D7S820: 9,1
TH01: 67
TPOX: 8,1
vWA: 1517
D3S1358: 1415
D21S11: 28,32
D18S51: 1217
D8S1179: 1314
FGA: 2324
D2S1338: 2425
D19S433: 1216
PEZ6: OVCAR3