

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 highly aggressive cell line that is resistant to many chemotherapeutic agents. It is a valuable model for studying the biology of pancreatic ductal adenocarcinoma and for testing new therapeutic strategies.
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Organism	Human
Tissue	Pancreas
Disease	Pancreatic ductal adenocarcinoma
Metastatic site	Metastatic
Synonyms	M28/2

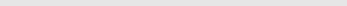
Cell Culture

Age	60 years
Gender	Male
Morphology	Epithelial
Growth properties	High growth rate

Cell Line Characteristics

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

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Mutational profile 

XXXXXXXXXXXX

Culture Medium EMEM (MEM Eagle) 2 2000 2000-2000000 2.2 20/200 NaHCO₃ EBSS (2000 2000000 820100a 20 2000000)

Supplements [XXXXXXXXXX 10X XXXXXXXXXXXXXXXXXXXX 01X XXXXXXXXXXXXXXXXXXXX](#)

Dissociation Reagent $\text{CH}_3\text{COOH}/\text{CH}_3\text{COONa}$ CH_3COOH CH_3COONa $\text{Ca}^{2+}/\text{CH}_3\text{COO}^{-}$

Doubling time 42 ☐☐☐☐

Subculturing

Split ratio 1:20

Seeding density 1×10^4 / 

Freeze medium α MEM + 10% FBS + 10% DMSO

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Thawing and
Culturing Cells

1. 将细胞从液氮中取出，迅速放入37℃水浴中，轻轻摇晃，使细胞快速解冻。
2. 将细胞悬液离心，弃去上清液，用无血清培养基重悬细胞，并加入10% FBS培养基。
3. 将细胞悬液接种到含有10% FBS培养基的细胞培养瓶中，轻轻摇晃，使细胞均匀分布。
4. 将细胞培养瓶放入37℃ CO2培养箱中培养，待细胞贴壁后，更换为10% FBS培养基。
5. 将细胞培养瓶放入37℃ CO2培养箱中培养，待细胞贴壁后，更换为10% FBS培养基。
6. 将细胞培养瓶放入37℃ CO2培养箱中培养，待细胞贴壁后，更换为10% FBS培养基。
7. 将细胞培养瓶放入37℃ CO2培养箱中培养，待细胞贴壁后，更换为10% FBS培养基。
8. 将细胞培养瓶放入37℃ CO2培养箱中培养，待细胞贴壁后，更换为10% FBS培养基。

Incubation
Atmosphere

37℃ CO2培养箱

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液离心，弃去上清液，用无血清培养基重悬细胞，并加入10% FBS培养基，然后加入冻存液，将细胞悬液分装到冻存管中，放入液氮中冻存。

Shipping
Conditions

将细胞悬液分装到冻存管中，放入液氮中冻存，然后放入干冰中，放入保温箱中，放入快递箱中，放入快递公司。

Storage
Conditions

将细胞悬液分装到冻存管中，放入液氮中冻存，然后放入干冰中，放入保温箱中，放入快递箱中，放入快递公司。

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Sterility

本产品经过严格的灭菌处理，确保无菌。本产品适用于PCR等实验。

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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