

SK-OV-3 | 300342

XXXXXX XXXXXX

[illegible]

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Age	64 █████
Gender	████
Ethnicity	████████
Growth properties	███

[illegible]

Citation	SK-OV-3 (SK-OV-3 Cytion 300342)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0532

SK-OV-3 | 300342

SK-OV-3 - Ovarian carcinoma cell line

Isoenzymes	PGM3, 1, PGM1, 1-2, ES-D, 1, Me-2, 1, AK-1, 1, GLO-1, 1-2, G6PD, B, α -glucuronidase 0.0311
Tumorigenic	SK-OV-3 cells are tumorigenic in nude mice. The cells form solid tumors in the peritoneal cavity of nude mice.
Karyotype	(P16) 46,XX,t(12;18)(p11;p11)

SK-OV-3

Culture Medium	DMEM:Ham's F12 (1:1), w: 3.1 g/L α -MEM, w: 2.5 mM L-glutamine, w: 15 mM HEPES, w: 0.5 mM β -mercaptoethanol, w: 1.2 g/L NaHCO ₃ 820400a)
Supplements	SK-OV-3 10% FBS
Dissociation Reagent	SK-OV-3
Subculturing	SK-OV-3 cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. The cells are passaged using trypsin-EDTA (1:1) and seeded into T25 flasks. The cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. The cells are passaged using trypsin-EDTA (1:1) and seeded into T25 flasks. The cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. The cells are passaged using trypsin-EDTA (1:1) and seeded into T25 flasks.
Split ratio	SK-OV-3 1:2 or 1:3
Seeding density	1 x 10 ⁴ cells/cm ²
Post-Thaw Recovery	SK-OV-3 cells are thawed in a water bath at 37°C. The cells are washed with PBS and seeded into T25 flasks. The cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. The cells are passaged using trypsin-EDTA (1:1) and seeded into T25 flasks. The cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. The cells are passaged using trypsin-EDTA (1:1) and seeded into T25 flasks.

Freeze medium: SK-OV-3 cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. The cells are passaged using trypsin-EDTA (1:1) and seeded into T25 flasks. The cells are grown in DMEM:Ham's F12 (1:1) supplemented with 10% FBS. The cells are passaged using trypsin-EDTA (1:1) and seeded into T25 flasks.

SK-OV-3 | 300342

Thawing and
Culturing Cells

1. 将冻存管放入 37°C 水浴中快速解冻，然后将细胞悬液转移到含有 1 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。
2. 将细胞悬液转移到含有 10 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。
3. 将细胞悬液转移到含有 10 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。
4. 将细胞悬液转移到含有 10 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。
5. 将细胞悬液转移到含有 10 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。
6. 将细胞悬液转移到含有 10 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。
7. 将细胞悬液转移到含有 10 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。
8. 将细胞悬液转移到含有 10 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。

Incubation
Atmosphere

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

Freezing
Procedure

将细胞悬液转移到含有 1 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。

Shipping
Conditions

将细胞悬液转移到含有 1 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。

Storage
Conditions

将细胞悬液转移到含有 1 mL 完全培养基的离心管中，离心 5 分钟，弃去上清液。

SK-OV-3 | 300342

Sterility

本产品经过严格的灭菌处理，确保无菌。本产品适用于 PCR 扩增、测序、克隆、转染、细胞培养等。

SK-OV-3 | 300342

STR

Amelogenin: x,x
CSF1PO: 11
D13S317: 8,11
D16S539: 12
D5S818: 11
D7S820: 13,14
TH01: 9,9.3
TPOX: 8,11
vWA: 17,18
D3S1358: 14
D21S11: 30, 31, 31.2
D18S51: 16, 17, 18
Penta E: 5,13
Penta D: 12,13
D8S1179: 14,15
FGA: 24, 25, 26

HLA

A*: '03:01:01, '68:01:02
B*: '18:01:01, '35:01:01
C*: '04:01:01, '05:01:01
DRB1*: '01:01:01, '03:01:01
DQA1*: '01:01:01, '05:01:01
DQB1*: '02:01:01, '05:01:01
DPB1*: '02:01:02G, '04:01:01G
E: '01:01:01, '01:06:01