

Product sheet

OVCA3 | 300307

Cell Line

Receptors expressed	HER2, EGFR, CD44
Isoenzymes	G6PD, B, PGM1, 1, PGM3, 1, ES-D, 1, AK-1, 1, GLO-1, 1
Tumorigenic	Yes, in nude mice
Ploidy status	Diploid
MSI-status	MSS (MSS)

Media

Culture Medium	RPMI 1640, w: 2.0 mM L-glutamine, w: 2.0 g/L NaHCO3 (Cytion 820700a)
Supplements	10% FBS, 0.01 mg/ml insulin, 0.01 mg/ml transferrin, 0.01 mg/ml selenium
Dissociation Reagent	Trypsin
Doubling time	40-60 hours
Subculturing	Cells are grown in T25 flasks, 3-5 x 10 ⁶ cells per flask, 1:3-1:5 split ratio
Split ratio	1:3-1:5
Seeding density	2 x 10 ⁴ cells/cm ²
Fluid renewal	2-3 times per week
Freeze medium	DMEM + 10% FBS + 10% DMSO

OVCA3 | 300307

Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of medium. Seed the cells into a 96-well plate.
3. Incubate the cells at 37°C in 5% CO₂ for 24 hours. The cells should reach 70% confluency.
4. Harvest the cells using a pipette. Seed the cells into a 96-well plate.
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Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating None

Freezing Procedure Harvest cells into a 15 ml tube. Add 1 ml of freezing medium. Freeze at -80°C.

Shipping Conditions Store at -80°C. Ship on dry ice.

Storage Conditions Store at -150°C for 196 days.

Genotype / HLA

Sterility The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.

OV3CAR-3 | 300307

STR

CSF1PO: 11,12
D13S317: 12
D16S539: 12
D5S818: 11,12
D7S820: 10
TH01: 9,9.3
TPOX: 8
vWA: 17
D3S1358: 17,18
D21S11: 29,31.2
D18S51: 13
Penta E: 7,13
Penta D: 12,13
D8S1179: 10,15
FGA: 21

HLA

A*: 02:01:01, '29:02:01
B*: '07:02:01, '58:01:01
C*: 07:02:01, 07:18:01
DRB1*: 08:01:01, 08:04:01
DQA1*: '04:01:01, '04:01:02
DQB1*: 04:02:01
DPB1*: '02:01:02, '04:01:01
E: 01:01:01