

OVCAR-3 | 300307

Description	OVCAR-3		60	Ovcar 3
	OVCAR-3	in vitro		
	OVCAR-3			
	OVCAR3			

Organism	
Tissue	

Disease	
Metastatic site	

Synonyms	OVCAR-3, Ovcar-3, OVCAR.3, NIH:Ovcar-3, NIH:OVCAR3, NIH-OVCAR-3, NIHOVCAR3, OVCAR3, Ovcar3
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Age	60
Gender	

Ethnicity	
Growth properties	

Citation	OVCAR3 (Cytion 300307)
Biosafety level	1

NCBI_TaxID	9606
CellosaurusAccession	CVCL_0465

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Receptors expressed

Isoenzymes G6PD B PGM1 1 PGM3 1 ES-D 1 AK-1 1 GLO-1 1

Tumorigenic

Ploidy status

MSI-status MSS

Culture Medium RPMI1640 w 2.0mM w 2.0g/L NaHCO3 Cytion article number 820700a

Supplements 20% FBS 0.01 mg/mL

Dissociation Reagent

Doubling time 40 60

Subculturing PBS T25 3-5ml T75 5-10ml PBS T25 1-2m

Split ratio 1 4 1 6

Seeding density 2×10^4 /cm²

Fluid renewal 2 3

Freeze medium FBS 10 DMSO CM-1

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**Thawing and
Culturing Cells**

- 1.
2. -150 3
3. 37 40 60
4. 70
5. 8ml 15ml
6. 300 x g 3
7. 10ml 2 T25 1
- 8.

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions

-78

Storage Conditions -150 -196 80

HLA

Sterility PCR

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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