

OVCAR-3 | 300307

Description	OVCAR-3	60	Ovcar 3
	OVCAR-3		
	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
-----------------	--

Age	60
------------	----

Gender
Ethnicity

Growth properties

Citation	OVCAR3 Cytion 300307
-----------------	----------------------

Biosafety level	1
------------------------	---

NCBI_TaxID	9606
-------------------	------

CellosaurusAccession	CVCL_0465
-----------------------------	-----------

OVCAR-3 | 300307

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 RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO3 Cytion 820700a

Supplements 20% 0.01 /

Dissociation Reagent Accutase

Doubling time 40 60

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Split ratio 1:4 1:6

Seeding density 2×10^4 /cm²

Fluid renewal 2 3

Freeze medium FBS +10% DMSO CM-1 Cytion 800100

OVCAR-3 | 300307

Thawing and Culturing Cells

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

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR

OVCAR-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