

Cell OAW-42 | 300304

General information

Description	Cell OAW-42 derived from a patient with a melanoma. The cell line is established from a primary tumor and is characterized by its high growth rate and its ability to form xenografts in immunodeficient mice.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic
Synonyms	OAW42, OAW 42

Cell characteristics

Age	46 years
Gender	Male
Ethnicity	White
Morphology	Epithelial cells
Growth properties	Adherent

Cell line identification

Citation	OAW-42 (Cell OAW-42 Cytion 300304)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1615

Cell line authentication

Ploidy status	Diploid
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MSI-status MSS (MSS)

Karyotype 46,XX,t(11;22)(p13;q11)

Cell Line

Culture Medium DMEM, w: 4.5 g/L D-glucose, w: 4 mM L-glutamine, w: 3.7 g/L NaHCO₃, w: 1.0 mM β -mercaptoethanol (Cytion 820300a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Doubling time 25-30 days

Subculturing Cells are grown in T25 flasks. When cells reach 80-90% confluency, they are trypsinized and seeded into new flasks. The split ratio is 1:4 to 1:6.

Split ratio 1:4 to 1:6

Seeding density 1×10^4 cells/cm²

Fluid renewal 1-2 times per week

Post-Thaw Recovery Cells are thawed and seeded into new flasks. They are allowed to recover for 24 hours before being used for experiments.

Freeze medium Cells are frozen in a medium containing 10% DMSO and 90% FBS. The freezing process is carried out slowly, and the cells are stored at -80°C.

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**Thawing and
Culturing Cells**

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
2. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
3. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
4. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
5. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
6. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
7. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。
8. 将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Freezing
Procedure**

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

**Shipping
Conditions**

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

**Storage
Conditions**

将细胞悬液加入含有培养基的细胞培养瓶中，轻轻混匀，然后将培养瓶置于37°C CO₂培养箱中培养。

细胞培养

Sterility

本产品经过严格的灭菌处理，确保无菌。本产品不含任何抗生素，适用于PCR等下游应用。

XXX OAW-42 | 300304

XXXXXXXXXX STR

CSF1PO: 11
D13S317: 11
D16S539: 12,13
D5S818: 11,12
D7S820: 8
TH01: 6,7
TPOX: 8,11
vWA: 15,16
D3S1358: 15,16
D21S11: 26
D18S51: 16,21
Penta E: 12
Penta D: 10
D8S1179: 13
FGA: 22,25

XXXXXX HLA

A*: '03:01:01, '30:02:01
B*: 07:02:01, 18:01:01
C*: 05:01:01, 07:02:01
DRB1*: '01:01:01, '03:01:01
DQA1*: '01:01:01, '05:01:01
DQB1*: '02:01:01, '05:01:01
DPB1*: '02:02:01G, '04:02:01G
E: 01:03:02