

MALME-3M | 305583

General information

Description	MALME-3M is a human melanoma cell line derived from a metastatic melanoma. It is characterized by its high tumorigenicity and ability to form xenografts in immunodeficient mice. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 10 ng/ml hydrocortisone (GH). It is a highly invasive cell line with a high rate of metastasis.
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Metastatic
Synonyms	Malme-3M, MALME 3M, Malme-3 M, MALME.3M, Malme3M, MALME3M, Malme-3 Monolayer

Cell characteristics

Age	43 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Cell type	Epithelial
Growth properties	Adherent

Cell culture conditions

Citation	MALME-3M (Cytion 305583)
Biosafety level	1
NCBI_TaxID	9606

Product sheet

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CellosaurusAccession CVCL_1438

Cell line **Cell type** **Cell source**

Antigen expression HLA A2, Aw30, B13, B40(+/-), DRw7

Tumorigenic No, non-tumorigenic

Cell line

Culture Medium IMDM, w: 4.5 g/L Glucose, w: 4 mM L-Glutamine, w: 25 mM HEPES, w: 1.0 mM Sodium Pyruvate, w: 3.024 g/L NaHCO3 (Cytion)

Supplements 20% FBS

Dissociation Reagent Trypsin

Subculturing Cells are grown in 25 cm² flasks in IMDM supplemented with 20% FBS. Cells are harvested by trypsinization and resuspended in PBS. Cells are seeded at 3 x 10⁴ cells per flask in 25 cm² flasks in IMDM supplemented with 20% FBS.

Seeding density 3 x 10⁴ cells / flask

Fluid renewal 2-3 times per week

Freeze medium Cells are harvested by trypsinization and resuspended in PBS. Cells are seeded at 3 x 10⁴ cells per flask in 25 cm² flasks in IMDM supplemented with 20% FBS. Cells are harvested by trypsinization and resuspended in PBS. Cells are seeded at 3 x 10⁴ cells per flask in 25 cm² flasks in IMDM supplemented with 20% FBS.

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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，避免产生气泡。将细胞培养瓶置于37°C孵育箱中，静置15分钟，使细胞适应新环境。
2. 将细胞培养瓶置于37°C孵育箱中，静置15分钟，使细胞适应新环境。
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8. 将细胞培养瓶置于37°C孵育箱中，静置15分钟，使细胞适应新环境。

**Incubation
Atmosphere**

37°C, 5% CO₂, 饱和湿度

Flask Coating

无涂层

**Shipping
Conditions**

细胞悬液应储存在-150°C至-196°C的液氮中，运输过程中应保持在-78°C以下。

**Storage
Conditions**

细胞悬液应储存在-150°C至-196°C的液氮中，运输过程中应保持在-78°C以下。

细胞悬液 **细胞悬液** **细胞悬液** **细胞悬液**

Sterility

细胞悬液应储存在-150°C至-196°C的液氮中，运输过程中应保持在-78°C以下。