

细胞株 MV4-11 | 300295

细胞株 概述

Description	细胞株 MV4-11, 来源于人急性髓系白血病 B-淋巴细胞系, 具有典型的白血病细胞特征, 包括高增殖率、对化疗药物的敏感性、以及对某些生长因子的依赖性。细胞株 MV4-11 具有典型的白血病细胞特征, 包括高增殖率、对化疗药物的敏感性、以及对某些生长因子的依赖性。细胞株 MV4-11 具有典型的白血病细胞特征, 包括高增殖率、对化疗药物的敏感性、以及对某些生长因子的依赖性。
Organism	人
Tissue	血液
Disease	急性髓系白血病
Synonyms	MV-4-11, MV-4:11, MV4:11, MV 4,11, MV4,11, MV411, MV(4,11),

细胞株 特性

Age	10 天左右
Gender	雄性
Ethnicity	汉族
Morphology	典型的白血病细胞形态
Cell type	急性髓系白血病细胞, 白血病细胞
Growth properties	贴壁生长

细胞株 来源与鉴定

Citation	MV4-11 (细胞株) Cytion 300295
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0064

~~XXXXXXXXXX XIXX-XXXXXXXXXXXXXXXXXXXX~~

Culture Medium	RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO ₃ (Gibco Cytion 820700a)
Supplements	10% FBS
Subculturing	5 × 10 ⁵ cells / 5 × 10 ⁶ cells / 5 × 10 ⁷ cells
Seeding density	5 × 10 ⁵ cells / 10 ⁶ cells
Post-Thaw Recovery	48 hours
Freeze medium	10% FBS + 10% DMSO

Cell Culture Media MV4-11 | 300295

**Thawing and
Culturing Cells**

1. Thaw the vial quickly in a water bath at 37°C, and transfer the cells to a pre-warmed medium.
2. Dilute the cells into a pre-warmed medium at 150°C and incubate at 37°C for 24 hours.
3. Seed the cells into a pre-warmed medium at 37°C and incubate at 37°C for 24 hours.
4. Seed the cells into a pre-warmed medium at 70% confluency.
5. Seed the cells into a pre-warmed medium at 15 x 10⁶ cells per 8 x 10⁶ cells.
6. Seed the cells into a pre-warmed medium at 300 x g and incubate at 37°C for 24 hours.
7. Seed the cells into a pre-warmed medium at 10 x 10⁶ cells per 10 x 10⁶ cells.
8. Seed the cells into a pre-warmed medium at 10 x 10⁶ cells per 10 x 10⁶ cells.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified air

Flask Coating

Yes

**Freezing
Procedure**

Freeze the cells in a pre-warmed medium at -78°C for 24 hours.

**Shipping
Conditions**

Ship the cells in a pre-warmed medium at -78°C for 24 hours.

**Storage
Conditions**

Store the cells in a pre-warmed medium at -150°C for 196 hours.

Cell Culture Media MV4-11 | 300295

Sterility

The media is sterile and free of mycoplasmas. PCR screening has been performed. The media is free of endotoxins and is suitable for cell culture.

Product sheet

XXXXMV4-11 | 300295

XXXX HLA

A*: '03:01:01, '68:01:02

B*: 14:02:01, 18:01:01

C*: 08:02:01, 15:02:01

DRB1*: '01:01:01, '13:02:01

DQA1*: '01:01:01, '01:02:01

DQB1*: '05:01:01, '06:09:01

DPB1*: '02:01:02, '04:01:01

E: 01:01, 01:03