

Product sheet

U-138 MG | 300363

General information

Description	U-138 MG (U-138 MG) Cytion 300363, U-87-MG, U-118-MG U-373-MG, J. Ponten
Organism	Human
Tissue	Human
Disease	Human
Synonyms	U-138MG, U-138-MG, U138-MG, U 138 MG, U138MG, U138, 138 MG, 138MG

Subject information

Age	47 years
Gender	Male
Ethnicity	Human
Morphology	Human
Growth properties	Human

Identification

Citation	U-138 MG (U-138 MG) Cytion 300363
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0020

Antigen expression

Antigen expression	Human A, Rh+
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Isoenzymes	Me-2, 1, PGM1, 1, PGM3, 1, ES-D, 1, AK-1, 1, GLO-1, 1-2, G6PD, B,
Karyotype	46, XX, t(11;22)(q23;q11), der(22)t(11;22)(q23;q11) 2S 9.8%.
Culture Medium	DMEM, w: 4.5 g/L Glucose, w: 4 mM L-Glutamine, w: 3.7 g/L NaHCO3, w: 1.0 mM Penicillin (Cytion 820300a)
Supplements	10% FBS
Dissociation Reagent	Trypsin
Subculturing	Cells are cultured in DMEM supplemented with 10% FBS. For subculturing, cells are trypsinized and resuspended in DMEM supplemented with 10% FBS. Cells are seeded into new flasks at a density of 1 x 10^4 cells per flask.
Seeding density	1 x 10^4 cells/flask
Fluid renewal	2-3 times per week
Freeze medium	DMEM supplemented with 10% FBS + 10% DMSO, CM-1 (Cytion 800100)

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Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath, and transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes at 4°C, and resuspend the cells in 15 ml of pre-warmed medium.
3. Seed the cells into a T25 flask containing 37 ml of pre-warmed medium.
4. Incubate the cells in a humidified 5% CO₂ incubator at 37°C.
5. Once the cells have reached confluence, they can be used for experiments.
6. For long-term storage, harvest the cells and freeze them in a cryovial containing 300 µl of freezing medium.
7. Store the cryovial in a liquid nitrogen storage tank.
8. Thaw the cryovial in a 37°C water bath and follow the thawing and culturing procedure.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating Cell culture medium

Freezing Procedure Harvest cells and freeze in a cryovial containing 300 µl of freezing medium. Store at -78°C.

Shipping Conditions Store at -78°C.

Storage Conditions Store at -150°C for up to 196 months.

HLA

Sterility The cells are provided in a sterile, cryoprotected medium. PCR genotyping is available.

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HLA

A*: '24:02:01, '29:02:01

B*: '39:06:02, '44:03:01

C*: 07:02:01, 16:01:01

DRB1*: '07:01:01, '08:01:01G

DQA1*: '02:01:01, '04:01:01

DQB1*: '02:02:01, '04:02:01

DPB1*: '04:02:01, '11:01:01

E: 01:01, 01:03