

U-138 MG | 300363

**Description** 1966 1969 J. Ponten ( : U-87-MG, U-118-MG U-373-MG). U-87-MG

**Organism**

**Tissue**

**Disease**

**Synonyms** U-138MG, U-138-MG, U138-MG, U 138MG, U138MG, U138, 138MG, 138MG

**Age** 47

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** U-138 MG( 300363)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0020

**Antigen expression** A, Rh+

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|                   |   |   |    |      |   |
|-------------------|---|---|----|------|---|
| <b>Isoenzymes</b> | Me-2, 1, PGM1, 1, PGM3, 1, ES-D, 1, AK-1, 1, GLO-1, 1-2, G6PD, B, |   |    |      |   |
| <b>Karyotype</b>  | 5   | , | 2S | 9.8% | .5 [t(11,5), t(8q,4), t(19,?18), M1 M2] S |

|                       |                 |             |                              |   |          |
|-----------------------|-----------------|-------------|------------------------------|---|----------|
| <b>Culture Medium</b> | DMEM, w: 4.5g/L | , w: 4mM L- | , w: 3.7g/L NaHCO3, w: 1.0mM | ( | 820300a) |
|-----------------------|-----------------|-------------|------------------------------|---|----------|

|                    |         |
|--------------------|---------|
| <b>Supplements</b> | 10% FBS |
|--------------------|---------|

|                             |  |
|-----------------------------|--|
| <b>Dissociation Reagent</b> |  |
|-----------------------------|--|

|                     |     |       |            |            |   |     |
|---------------------|-----|-------|------------|------------|---|-----|
| <b>Subculturing</b> | PBS | . T25 | 3~5ml, T75 | 5~10ml PBS | . | T25 |
|---------------------|-----|-------|------------|------------|---|-----|

|                        |                                      |
|------------------------|--------------------------------------|
| <b>Seeding density</b> | 1 x 10 <sup>4</sup> /cm <sup>2</sup> |
|------------------------|--------------------------------------|

|                      |     |
|----------------------|-----|
| <b>Fluid renewal</b> | 2~3 |
|----------------------|-----|

|                      |     |                      |             |         |
|----------------------|-----|----------------------|-------------|---------|
| <b>Freeze medium</b> | 50% | + 40% FBS + 10% DMSO | CM-1(Cytion | 800100) |
|----------------------|-----|----------------------|-------------|---------|

|                                    |    |         |      |       |
|------------------------------------|----|---------|------|-------|
| <b>Thawing and Culturing Cells</b> | 1. |         |      |       |
|                                    | 2. | -150°C  | ,    | 3     |
|                                    | 3. |         | 37°C | 40~60 |
|                                    | 4. |         | ,    | 70%   |
|                                    | 5. |         | 8ml  | 15ml  |
|                                    | 6. | 300 x g | 3    |       |
|                                    | 7. |         | 10ml | T25   |
|                                    | 8. |         |      | T25   |

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**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78°C

**Shipping Conditions** -78°C

**Storage Conditions** -150°C -196°C -80°C

/ / HLA

**Sterility** PCR

**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