# Product sheet

## U-118 MG | 300362

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|---|---|
| **Description** | J. Ponten 1966 1969 U-87MG U-138MG U-373 MG |
| **Organism** | |
| **Tissue** | |
| **Disease** | |
| **Metastatic site** | |
| **Applications** | / CCNU EGFR NF-κB |
| **Synonyms** | U-118 U-118 U118 U118 U118 118 118 |

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|---|---|
| **Age** | 47 |
| **Gender** | |
| **Ethnicity** | |
| **Morphology** | |
| **Cell type** | |
| **Growth properties** | |

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|---|---|
| **Citation** | U-118 MG Cytion 300362 |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_0633 |

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| **GMO Status** | J. Ponten 1966–1969 |
| **Antigen expression** | A Rh+ HLA Aw24 A28 B12 Bw47 |
| **Isoenzymes** | Me-2 1 PGM3 2 PGM1 2 ES-D 1 AK-1 1-2 GLO-1 1-2 G6PD B 0.0001 |
| **Tumorigenic** | |
| **Karyotype** | 40% 110 115 14 t(1p,2p) t(3p,?) t(4p,11q) t(7p,22q) M6 7 8 12 19 20 22 5 6 x Y |
| **Culture Medium** | DMEM w 4.5 / w 4 L- w 3.7 / NaHCO3 w 1.0 Cytion 820300a |
| **Supplements** | 10% FBS |
| **Dissociation Reagent** | Accutase |
| **Doubling time** | 36 48 |
| **Subculturing** | PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5 |
| **Split ratio** | 1 3 |
| **Seeding density** | $2 \times 10^4$ / |
| **Fluid renewal** | 2 3 |
| **Post-Thaw Recovery** | $5 \times 10^4$ /cm$^2$ 24 |
| **Freeze medium** | 50% + 40% FBS + 10% DMSO CM-1 Cytion 800100 |

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| **Thawing and Culturing Cells** | 1.<br>2. -150°C 3<br>3. 37°C 40-60<br>4. 70%<br>5. 8 15<br>6. 300 x g 3<br>7. 10 T25 T25<br>8. |
| **Incubation Atmosphere** | 37°C, 5% $_{CO2}$, |
| **Flask Coating** | |
| **Freezing Procedure** | -78 °C |
| **Shipping Conditions** | -78 °C |
| **Storage Conditions** | -150 -196 -80 °C |
| **Sterility** | PCR |

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| **HLA** | **A***: '24:02:01, '29:02:01<br>**B***: '39:06:02, '44:03:01<br>**C***: '07:02:01, '16:01:01<br>**DRB1***: '07:01:01, '08:01:01G<br>**DQA1***: '02:01:01, '04:01:01<br>**DQB1***: '02:02:01, '04:02:01<br>**DPB1***: '04:02:01, '11:01:01<br>**E**: '01:01, '01:03 |