# Product sheet

## RPMI 1788 | 300318

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| **Description** | RPMI 1788 | . EBNA | . |
| **Organism** | | | |
| **Tissue** | | | |
| **Synonyms** | RPMI-1788, RPMI1788, | 1788, GM02131, GM2131, GM02131A, GM17219 | |

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|---|---|
| **Age** | 33 |
| **Gender** | |
| **Ethnicity** | |
| **Morphology** | |
| **Cell type** | B |
| **Growth properties** | |

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|---|---|---|
| **Citation** | RPMI 1788( | 300318) |
| **Biosafety level** | 2 | |
| **NCBI_TaxID** | 9606 | |
| **CellosaurusAccession** | CVCL_2710 | |

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| **Antigen expression** | HLA A2, Aw33, B7, B14 |

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| **Isoenzymes** | G6PD, B |
| **Viruses** | EBNA-pos |
| **Reverse transcriptase** | |
| **Products** | IgM( ), (TNF- , TNF ) (LT) |
| **Karyotype** | , , |
| **Culture Medium** | RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3( 820700a) |
| **Supplements** | 10% FBS |
| **Subculturing** | . 5 x $10^5$ /ml , 3 x $10^5$ ~ 1 x $10^6$ /ml . |
| **Split ratio** | 1:2 1:4 |
| **Seeding density** | 1 x $10^5$ /mL |
| **Post-Thaw Recovery** | . 8 |
| **Freeze medium** | (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. 8ml 15ml .<br>6. 300 x g 3 .<br>7. 10ml . T25 , T25<br>8. . |
| **Incubation Atmosphere** | 37°C, 5% $_{CO2}$, . |
| **Flask Coating** | |
| **Freezing Procedure** | -78°C . . |
| **Shipping Conditions** | -78°C . . |
| **Storage Conditions** | -150°C -196°C . 80°C . |
| **Sterility** | PCR .<br>, . |

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| **STR** | **Amelogenin**: x, y<br>**CSF1PO**: 10<br>**D13S317**: 11,13<br>**D16S539**: 10,13<br>**D5S818**: 12, 13<br>**D7S820**: 10, 12<br>**TH01**: 6,9.3<br>**TPOX**: 8, 9<br>**vWA**: 18, 19<br>**D3S1358**: 13,16<br>**D21S11**: 31, 32.2<br>**D18S51**: 15, 17<br>**Penta E**: 7,11<br>**Penta D**: 12, 13<br>**D8S1179**: 13, 14<br>**FGA**: 20,23 |
| **HLA** | **A***: '02:01:01, '33:01:01<br>**B***: '07:06:01, '14:01:01<br>**C***: '08:02:01, '15:05:02<br>**DRB1***: '04:05:01, '07:01:01<br>**DQA1***: '02:01:01, '03:03:01<br>**DQB1***: '02:02:01, '03:02:01<br>**DPB1***: '03:01:01G, '45:01:00<br>**E**: '01:01, '01:03 |