# Product sheet

## CCRF-CEM | 300147

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|---|---|
| **Description** | CCRF-CEM T . (ALL) 4 .<br>CCRF-CEM . CCRF-CEM , 41~95 47 .<br>CCRF-CEM . CD3, CD5, CD7, CD4 . ADA, 1; ES-D, 1; C<br>.<br>CCRF-CEM . BAx BCL2 |
| **Organism** | |
| **Tissue** | |
| **Disease** | |
| **Synonyms** | CCRF/CEM, CCRFCEM, CCRF.CEM, CCRF CEM, CCRF, CEM, CEM-CCRF, CEM-CCRF(CAMR), CCRF/CEM/0, CEM/0, CEM-0, CCRF-CEM/S, GM03671, GM03671C |
| **Age** | 4 |
| **Gender** | |
| **Ethnicity** | |
| **Morphology** | , , |
| **Cell type** | T |
| **Growth properties** | |
| **Citation** | CCRF-CEM( 300147) |
| **Biosafety level** | 1 |

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| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_0207 |

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|---|---|
| **Protein expression** | P53 |
| **Antigen expression** | CD3 B(37%), CD4(50%), CD5(95%), CD7(77%) |
| **Isoenzymes** | G6PD, B |
| **Tumorigenic** | , |
| **Viruses** | EBV |
| **Reverse transcriptase** | |
| **Ploidy status** | |
| **MSI-status** | (MSI) |

| | |
|---|---|
| **Culture Medium** | RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3( 820700a) |
| **Supplements** | 10% FBS |
| **Doubling time** | 24 |
| **Subculturing** | . 5 x $10^5$ /ml , 3 x $10^5$ ~ 1 x $10^6$ /ml . |
| **Seeding density** | 1 x $10^5$ /mL . |
| **Fluid renewal** | 3 |

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|---|---|
| **Post-Thaw Recovery** | 48 . |
| **Freeze medium** | (FBS ) + 10% DMSO , CM-1(Cytion 800100) |
| **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 . |

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**Sterility**

PCR .

, .

**HLA**

**A***: '01:01:01, '31:01:02
**B***: '08:01:01, '40:01:02
**C***: '03:04:01, '07:01:01
**DRB1***: '03:01:01, '07:01:01
**DQA1***: '02:01:01, '05:01:01
**DQB1***: '02:01:01, '02:02:01
**DPB1***: '04:01:01, '13:xx