

Description																
CCRF-CEM	T					ALL	4									
CCRF-CEM		CCRF-CEM				47	41	95								
CCRF-CEM		CD3	CD5	CD7	CD4			ADA	1	ES-D	1	G6PD	B	GLO-I	1	PEP-D
		CCRF-CEM				BAX		BCL2								

Organism

Tissue

Disease

Synonyms	CCRF/CM, CCRFCem, CCRF.cem, CCRF cem, CCRF, cem, cem-CCRF, cem-CCRF (camr), CCRF/CM/0, cem/0, cem-0, CCRF-CM/S, GM03671, GM03671C
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Gender

Ethnicity

Morphology

Cell type	T
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Growth properties

Citation	CCRF-CEM Cytion	300147
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Biosafety level	1
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NCBI_TaxID	9606
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CCRF-CEM | 300147

CellosaurusAccession CVCL_0207

**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 2.0 mM w 2.0 g/L NaHCO₃ Cytion 820700a

Supplements 10% FBS

Doubling time 24

Subculturing 5×10^5 / 5×10^6 / 3×10^7 5×10

**Seeding
density** 1×10^5 /

Fluid renewal 3

**Post-Thaw
Recovery** 48

Product sheet

CCRF-CEM | 300147

Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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Thawing and Culturing Cells

- | | | | | | |
|----|---------|--------|-----|-------|-----|
| 1. | | | | | |
| 2. | | -150°C | | | 3 |
| 3. | | 37°C | | 40-60 | |
| 4. | | | 70% | | |
| 5. | | 8 | | 15 | |
| 6. | 300 x g | 3 | | | |
| 7. | 10 | | | T25 | T25 |
| 8. | | | | | |

Incubation Atmosphere	37°C, 5% CO ₂
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Flask Coating

Freezing Procedure	-78 °C
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Shipping Conditions	-78 °C
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Storage Conditions	-150 -196 -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