

CCRF-CEM | 300147

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

Age 4

Gender

Ethnicity

Morphology

Cell type T

Growth properties

Citation CCRF-CEM Cytion 300147

Biosafety level 1

NCBI_TaxID 9606

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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 / ⁵ 1×10⁶ / 3×10⁵ 5×10⁵

Seeding density 1×10⁵ /

Fluid renewal 3

Post-Thaw Recovery 48

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Freeze medium		FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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				
Flask Coating						
Freezing Procedure						-78 °C
Shipping Conditions						-78 °C
Storage Conditions		-150	-196	-80 °C		

/ /HLA

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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