

MOLT-4 | 300115

Description	MOLT-4	T	1971	ALL	19	MOLT-3	MOLT-4	T	γ-			
	MOLT-4		24%	95		MOLT-4	T	CD1	CD2	CD3A	CD3B	CD3
	MOLT-4		Epstein-Barr		p53	248	G -> A	P53				

Organism

Tissue	
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Disease	T
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Synonyms	Molt-4, MOLT 4, Molt 4, MOLT.4, MOLT4, Molt4, GM02219, GM02219C, GM2219C, GM02219D
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Age	19
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Gender

Ethnicity	
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Morphology

Cell type	T
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Growth properties

Citation	MOLT-4 Cytion 300115
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0013
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Protein expression	P53				
Antigen expression	CD1 (49%) CD2 (35%) CD3 A (26%) B (33%) C (34%) CD4 (55%) CD5 (72%) CD6 (22%) CD7 (77%)				
Viruses	Epstein-Barr		Minowada 1972		
Products	TdT				
Mutational profile	p53	248	G -> A	P53	Rodrigues 1990
Karyotype	96	X	Y		
Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO3		Cytion	820700a
Supplements	10% FBS				
Subculturing	1×10^5	1×10^6	3×10^6	5×10^6	
Seeding density	1×10^5 /				
Fluid renewal	2 3				
Post-Thaw Recovery	24 48				
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% CO₂

Flask Coating

**Freezing
Procedure**

-78 °C

**Shipping
Conditions**

-78 °C

**Storage
Conditions**

-150 -196 -80 °C

/ /HLA

Sterility

PCR

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HLA

A*: '01:01:01, '25:01:01

B*: '18:01:01, '57:01:01

C*: '06:02:01, '12:03:01

DRB1*: '07:01:01, '12:01:01

DQA1*: '02:01:01, '05:05:01

DQB1*: '02:02:01, '03:01:01

DPB1*: '02:01:02

E: '01:01:01G