

**MOLT-4 | 300115**

<b>Description</b>	MOLT-4	1971		ALL	19	T	MOLT-3	MOLT-4	T
	MOLT-4		24	95			MOLT-4	CD1 CD2 CD3A CD3B CD3C	
	MOLT-4						p53	248 G→A	P53

**Organism**

<b>Tissue</b>	
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<b>Disease</b>	T
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<b>Synonyms</b>	Molt-4 MOLT 4 Molt 4 MOLT.4 MOLT4 Molt4 GM02219 GM02219C GM2219C GM02219D
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<b>Age</b>	19
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**Gender**

<b>Ethnicity</b>	
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**Morphology**

<b>Cell type</b>	T
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**Growth properties**

<b>Citation</b>	MOLT-4 (Cytion 300115)
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<b>Biosafety level</b>	1
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<b>NCBI_TaxID</b>	9606
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<b>CellSaurusAccession</b>	CVCL_0013
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<b>Protein expression</b>	P53		
<b>Antigen expression</b>	CD1 (49%), CD2 (35%), CD3 A (26%) B (33%) C (34%), CD4 (55%), CD5 (72%), CD6 (22%), CD7 (77%)		
<b>Viruses</b>	Minowada, 1972		
<b>Products</b>	TdT		
<b>Mutational profile</b>	p53	248 G→A	P53 Rodrigues, 1990
<b>Karyotype</b>	4	96 2 X	2 Y
<b>Culture Medium</b>	RPMI1640 w 2.0mM	w 2.0g/L NaHCO3 Cytion article number 820700a	
<b>Supplements</b>	10% FBS		
<b>Subculturing</b>	$6$ /ml	$5 \times 10^5$ /ml	$3 \times 10^5$ $1 \times 10$
<b>Seeding density</b>	$1 \times 10^5$ /cm <sup>2</sup>		
<b>Fluid renewal</b>	2 3		
<b>Post-Thaw Recovery</b>	24	48	
<b>Freeze medium</b>	FBS 10 DMSO		

CM-1

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**Thawing and Culturing Cells**

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

**Incubation Atmosphere** 37 5% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions**

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**Storage Conditions** -150 -196 80

**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