

Product sheet

MOLT-4 | 300115

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

Organism

Tissue

Disease T

Synonyms Molt-4, MOLT 4, Molt 4, MOLT.4, MOLT4, Molt4, GM02219, GM02219C, GM2219C, GM02219D

Age 19

Gender

Ethnicity

Morphology

Cell type T

Growth properties

Citation MOLT-4 Cytion 300115

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0013

MOLT-4 | 300115

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 MediumRPMI 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

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

Sterility

PCR

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