

Product sheet

Jurkat E6.1 | 300223

Description	Jurkat E6.1	Jurkat	T	14	T	T	(TCR)
	Jurkat E6.1	TCR	NF-κB	MAPK	T	T3	
	Jurkat E6.1					T	
	Jurkat E6.1		T				

Organism

Tissue

Disease T

Metastatic site T

Synonyms JurkatE6-1, Jurkat E6-1, Jurkat, E6-1, Jurkat Clone E6-1, Jurkat (clone E6-1), JURKAT E-6.1, JURKAT E-61, Jurkat-E6, Jurkat E6, J.E6-1, E6-1

Age 14

Gender

Morphology

Cell type

Growth properties

Citation Jurkat E6.1 Cytion 300223

Biosafety level 1

NCBI_TaxID 9606

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CellosaurusAccession CVCL_0367

Antigen expression

CD3

Products

-2 2 IL-2 γ

Karyotype

= 46 = 41 47 46,xY,-2,-18 del(2)(p21p23) del(18)(p11.2)

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

Post-Thaw Recovery

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 °C -80 °C

Sterility

PCR

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HLA

A*: '03:01:01
B*: '07:02:01, '35:03:01
C*: '04:01:01, '07:02:01
DRB1*: '07:01:01, '15:01:01
DQA1*: '01:02:01, '02:01:01
DQB1*: '02:02:01, '06:03:01
DPB1*: '02:01:02G '04:02:01G