

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	
Metastatic site	
T	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 ⁵ / ⁵ 1×10⁶ / 3×10 5×10

Seeding density 1 × 10⁵ /

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 ❏ -80 °C

/ /HLA

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