

| 302147

<b>Description</b>	T	T-ALL	14	Jurkat				T	
	Jurkat	CD4		HIV		CD4	HIV		Jurkat
	T	Lck	Jurkat		T				
	Jurkat E6.1	Jurkat							
	Jurkat	HIV							

**Organism**

**Tissue**

**Disease** T

**Metastatic site**

**Applications** T T T T

**Synonyms** JURKAT JM JM-Jurkat Jurkat-FHCRC Jurkat FHCRC FHCRC-11 FHCRC 11 FCCH1024

**Age** 14

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** Jurkat (Cytion 302147)

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<b>Biosafety level</b>	1									
<b>NCBI_TaxID</b>	9606									
<b>CellosaurusAccession</b>	CVCL_0065									
<b>Antigen expression</b>	Jurkat	T	TCR	CD3	CD4	CD8	T	T		
<b>Mutational profile</b>	Jurkat	3	TCR				O-	TCR	PTEN	INPP5B
	Siddique, A., Head, S. R., Salomon, D. R., & Su, A. I. (2018).Jurkat BMC genomics, 19, 1-13.									
<b>Karyotype</b>	Jurkat	46	7.8	4						
<b>Culture Medium</b>	RPMI1640 w 2.0mM w 2.0g/L NaHCO3 Cytion article number 820700a									
<b>Supplements</b>	10	FBS								
<b>Doubling time</b>	26									
<b>Subculturing</b>	<sup>5</sup> /ml			1ml			1×10			
<b>Fluid renewal</b>	2 3									
<b>Freeze medium</b>	FBS 10 DMSO									
	CM-1									

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

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

**Flask Coating**

**Freezing Procedure** -78

**Shipping Conditions** -78

**Storage Conditions** -150 -196 80

**HLA**

**Sterility** PCR