

Jurkat | 302147

Description									
Jurkat	T		T-ALL	14		T			
Jurkat		CD4		CD4	HIV		Jurkat		HIV HIV T
Jurkat									Jurkat
Jurkat	Lck		T		T				
Jurkat E6.1		Jurkat							
Jurkat									

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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Biosafety level	1										
NCBI_TaxID	9606										
CellosaurusAccession	CVCL_0065										
Antigen expression	Jurkat	T	TCR	CD3	CD4	CD8				T	
Mutational profile	Jurkat			TCR	O-	TCR	PTEN	INPP5D	CTLA4	SYK	T
	L., Siddique, A., Head, S. R., Salomon, D. R., & Su, A. I. (2018).Jurkat BMC genomics, 19, 1-13.										
Karyotype	Jurkat		46		7.8%						
Culture Medium	RPMI 1640	w 2.0 mM		w 2.0 g/L NaHCO3	Cytion	820700a					
Supplements		10%	FBS								
Doubling time	26										
Subculturing		⁵	/							1×10	
Fluid renewal	2 3										
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